

FOLIO NEW TRAIL



Research is a major function of universities, and its findings have far reaching effects upon society. In this issue of *Folio* we will explore work being done on the Arctic, the memory, and corrosion inside the human body.



Faculté Saint-Jean—the University's French speaking faculty has a unique and long history, as well as a role and purpose for the present and future. The origin and mother tongue of the Faculty's students are of particular interest when increasing enrolments are considered.

All of our popular columns and features are back to keep you up-to-date on the University community. Letters from readers will reminisce, and perhaps encourage more readers to share their experiences with us. Look for informative articles and reports on the Senate, a new Encyclopedia, the President's Address, and others.



Faculté Saint-Jean: A New Faculty But An Old Institution

History

Saint-Jean was founded in 1908, the same year as the inauguration of the Faculty of Arts and Sciences of the University of Alberta. In order to continue the missionary tradition of Father Albert Lacombe OMI, Father Henri Grandin, Vicar of the Oblate Mission of Alberta-Saskatchewan, decided to found a Juniorate of the Oblate Order. His express goal was the formation of "une élite bilingue et cultivée, à tous les niveaux de la société".¹

The first professor, Father Daridon, and two students began classes in the presbytery of the Parish at Pincher Creek. However, this was found to be too isolated and shortly thereafter the seminary was moved to Edmonton. The year 1910 was one of transition for Saint-Jean. Established in a house overlooking the river in St. Joachim Parish, eleven students continued their studies with three instructors. The same year, the site for a new campus was chosen on Strathcona Hill, one of the highest in Edmonton. At the time of the construction of the original three-storey red brick building, only St. Stephen's College (then Alberta College South) existed on the main university campus.

Father P.-E. Breton, writing some time later, had this to say about the new site: "Le nouvel emplacement choisi pour la jeune institution était magnifique. Situé à Strathcona (Edmonton Sud), il dominait toute la vallée de la Saskatchewan, et les terrains étaient assez vastes pour répondre à tous les développements futurs. Bientôt on vit sortir de terre comme par enchantement un superbe édifice à trois étages, en briques rouges. Tout fut prêt et aménagé pour la rentrée de septembre 1911".²

In 1911 classes began in the new building. Four Oblate fathers, two Oblate brothers, and twenty-nine juniorists studied religious and academic subjects. Also beginning in 1911 and continuing



until 1968, the congregation of Les Soeurs de la charité d'Evron became responsible for the cooking, the upkeep and the infirmary of the new institution.

It was during the 1913 to 1918 period that Mgr. Henri Routhier, who was to become Alberta's first native-born bishop, undertook his studies at the Juniorate Saint-Jean. The increase in enrolment at this time was such that by 1921 the original building had to be tripled in size. Examining the west façade of the old building, one can still distinguish the 1910 date of the original building and 1921 date of the addition.

Although the courses of studies were based closely on the classical college system of Quebec,

Saint-Jean had for some years followed the curriculum of the University of Ottawa. In 1928 this affiliation was officialized.

The first major turning point in the history of the institution occurred in 1943 when the Oblate fathers accepted students for secondary and post-secondary studies of a classical nature. To reflect this change, the name Collège Saint-Jean was adopted. This action had become necessary because of the closing of the Jesuit College of Edmonton in 1941 which had until that time assumed the responsibility for the education of francophone students of Western Canada.

The 1950's and early 1960's were a period of expansion for the institution. In 1955, the affiliation

with the University of Ottawa was renewed and, in 1961, a "collège d'éducation" was founded by Rector Father Arthur Lacerte with help from Université Laval. In 1963, it became affiliated with The University of Alberta. The year 1961 was also a signal year in that women were admitted for the first time, but only to the university-level programs. During the same period a great deal of construction had taken place beside the original building. A secondary school had been built complete with dormitory, gymnasium, lounge and cafeteria.

However, during the 1960's inflation was accomplishing what assimilation could not. The Oblate fathers, on whom the greatest part of the financial burden of supporting the College had rested, were increasingly unable to bear the strain. Discussions with the University and with various levels of Government led to some significant changes. In 1970 limited integration with The University of Alberta took place leading to another change of name, but Collège universitaire Saint-Jean continued to offer university and high school level programs in French. In 1972, the secondary school of Collège Saint-Jean was transferred to the jurisdiction of the Edmonton Separate School Board and housed in the new bilingual high school J.H. Picard. In 1975, after a study of the situation, Dr. A.G. McCalla, former Dean of the Faculty of Graduate Studies and Research, recommended that Collège universitaire Saint-Jean be granted Faculty status. The following year marked the end of the Oblate fathers' direct supervision of the institution that they had tended and nurtured since 1908. The institution was purchased by the provincial government, with the help of federal funding, for transfer to the University of Alberta.

Faculty status was acquired in September of 1977 when the Board of Governors decided to adopt the recommendations of

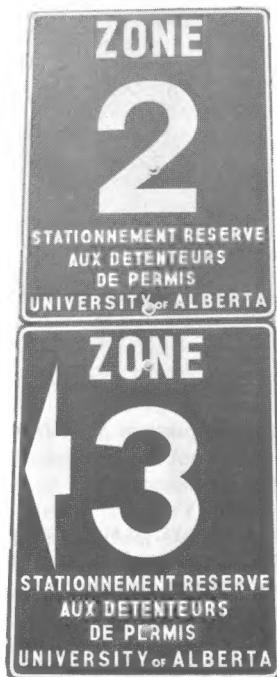
the McCalla report. In September of 1978, to reflect the change in status which had taken place, the name was changed to Faculté Saint-Jean. In order to mark this change of name, an honorary degree ceremony took place the following spring. The Chancellor of the University of Alberta, Mrs. Jean Forest, awarded honorary Doctor of Law degrees to Father Arthur Lacerte, the former rector who established the collège d'éducation, and Madame Antonine Maillet, an Acadian writer whose literature reflects the constant struggle for survival of the French-speaking minority everywhere in Canada.

1. "... an educated bilingual elite, in all walks of life."
2. "The site chosen for the building institution was magnificent. Located in Strathcona (South Edmonton), this site overlooked the Saskatchewan valley and there was enough land for any future development. Soon, as if by magic, a superb three-storey brick building rose from the earth. All was ready in preparation for the beginning of the 1911 school year."

Recent Developments

As integration with the University is slowly completed, evidence of change is manifest at the Faculté. Zoned parking, complete with tickets for infractions made its appearance at what had previously been a free-for-all. The only question is whether these tickets must be paid if they are printed in English only (where are you Georges Forest?!).

A free mini-bus service now shuttles students between both campuses allowing for an integrated timetable. Students generally have forty minutes to move from a class on one campus to a class on another. Although services on both campuses are generally available to all students, accommodation at the residence of Faculté Saint-Jean is allotted with priority to students of the Faculté. The residence, which is



Evidence of the recent integration with The University. Saint-Jean.

located in the historic original building, is distinguishable from Lister Hall in that no two rooms or pieces of furniture are the same. Where some students live in the former library, others have gothic arch-shaped windows. Still presiding over the residence and grounds is the statue of Saint-Jean. Slated for removal when the campus was purchased for the University, the students of the Faculté petitioned Housing and Food Services to leave it in place.

Another addition to the Faculté has been the Centre de documentation pédagogique, a teaching materials centre or French-language curriculum lab. Unique in the province, this multi-media depository of teaching material for use in bilingual and French immersion classes has existed since August 1977. It serves primarily Education students of the Faculté Saint-Jean and teachers involved in all levels of bilingual and immersion programs in the province.

Of major interest also is the termination of the second mandate of Dean Frank McMahon who intends to continue his studies at Université de Montréal in the fall. Dean McMahon presided over the momentous changes which took place at Saint-Jean over the last decade. His successor, Dr. Gamila Morcos, began her mandate in July, 1980. Dr. Morcos was previously Dean of Humanities at Laurentian University, and specializes in French literature.

New Dean At Faculté Saint-Jean

On 1 July 1980, Dr. Gamila Morcos, previously Dean of the Faculty of Humanities at Laurentian University, became Dean of the Faculté Saint-Jean for a five-year period.

In order to understand the concerns of the francophone population in Alberta, Dr. Morcos has already visited each of the francophone regions in the province. Additionally, she hopes to form an advisory committee representative of the Franco-Albertan population.

Dr. Morcos has studied at the University of Cairo and Bryn Mawr College in the United States and holds a Doctorate in French literature from the University of Paris (Sorbonne).

She taught at Ain-Chams University in Cairo prior to joining the academic staff of Laurentian University in 1967. She has served on that institution's Senate, executive of Senate, and Board of Governors.

Dr. Morcos is a Fellow of the International Biographical Association and holds memberships in the Modern Language Association, the Canadian Federation for the Humanities, the Association des Universités partiellement ou entièrement de langue française, the Association canadienne-française pour l'avancement des sciences, the American Association of Teachers of French and the Association canadienne-française

de l'Ontario.

She has published several texts on French language instruction and, more recently, numerous articles dealing with French literature.

A Multi-Disciplinary Faculty

Faculté Saint-Jean currently offers three degree programs. The BA and BSc are general degrees and normally require three full years of study. The BEd, as at the Faculty of Education, requires four years after high school, or two years after a first undergraduate degree. In addition, students planning to work towards such degrees as LLB, MD, DDS, and BCom may begin these programs at Faculté Saint-Jean.

Program requirements vary slightly from equivalent programs in other faculties. The major difference is obviously that French as a discipline and as a language of instruction occupies a significant role in the course of studies for all degrees. Before a student receives his degree, he must pass an oral and written linguistic competency exam in both English and French.

Most courses are offered in French, with the most obvious exception being English literature. Many general first year courses and senior courses which alternate from year to year cannot however remedy the problem of a good choice of courses in a very small faculty. Depending on their specialization, therefore, many students do take a number of courses in English from other faculties.

Since the Arts and Education programs attract the majority of students, the greatest choice of courses exists in these areas. However, the Faculté is faced with a most distressing problem in the permanent position attrition policy adopted by the University in its attempt to live within the truncated budget offered by the provincial government. In a

faculty where there is often only one professor per department, the loss of a permanent staff member through retirement or employment termination can also mean the disappearance of the department. This recently happened to the linguistics department at Faculté Saint-Jean.

Research is carried on in a number of areas at the Faculté, often related to the French-English interface in Canada. For example, the effectiveness of public and separate school immersion programs is being measured for the respective school boards. Another staff member continues research in the work ethic of francophone versus anglophone Canadians. A professor of political science has prepared a book which compares the techniques evolved to resolve the political/racial conflicts in Ireland and in New Brunswick. The new Dean of the Faculté, Dr. Morcos, publishes regularly on the "new criticism" in French literature.

Planned, possibly for 1981, is the third National Conference on Bilingualism to take place at Faculté Saint-Jean. These conferences unite linguists, psychologists, educators and administrators from across the country for discussions on the progress of second-language learning techniques in schools, in the government and in university.

Student Enrolment

The composition of the student body at Faculté Saint-Jean has undergone a quiet evolution in the last ten years. Except for the 1979-80 academic year, full-time registrations numbered between 100 and 170 per year. However, from a largely Franco-Albertan student body fifteen years ago, it has since evolved into a more heterogeneous mix.

A study conducted among the 250 students at Faculté Saint-Jean this year produced a different picture. With a response rate of approximately seventy-five percent, it was found that slightly less than half of the students claimed French as their mother

tongue. About five percent claimed a language other than French or English as their mother tongue.

As for the student origins, most students are from Alberta. The anglophone students are about equally split in two groups: Edmonton and the rest of the province. The greatest number of Franco-Albertan students comes from Edmonton and area, but with significant groups from the St. Paul-Bonnyville area and from the Peace River region. There are also strong contingents of francophones from Quebec and anglophones from British Columbia. Other nationalities represented include French, Swiss, Moroccan, Lebanese, Haitian, etc.

A newly developing trend towards increased enrolments reflects an interest in French among anglophones. Exchange trips, more effective second-language training, and the interest in immersion-type schooling are contributing factors. Among the francophones, one important factor for increased enrolments of Québécois and Franco-Albertans is the urgent need for bilingual teachers in Alberta. Generally, it would seem that there is a slight preference for the Arts among the anglophones and for Education among the francophones.

Le français à la Faculté Saint-Jean

La seule raison d'être de la Faculté Saint-Jean, c'est le français. Si le département de langues romanes de la faculté des arts offre des cours de français et la faculté de pédagogie prépare des professeurs de français, langue seconde, la Faculté Saint-Jean, elle, offre en plus toute une gamme de cours en français.

Par exemple, étudier l'histoire du Canada en français peut réserver bien des surprises aux Albertains qui croient trop souvent que l'histoire du Canada commence en 1759. La langue, en d'autres mots, peut être le véhicule d'un certain point de vue. Au fur et à mesure que les étudiants maîtrisent les deux



Biology Laboratory. Saint-Jean.

langues du pays, ils sont portés à les comparer l'une à l'autre. Ainsi, ils commencent à évaluer les différences culturelles qu'elles représentent.

"Quelle langue française?" demande-t-on souvent. Il faut dire qu'en plus des accents anglais aussi variés que ceux de l'Angleterre, de la Nouvelle-Angleterre, de Terre-Neuve et de l'Ouest, il y a une très grande variété d'accents français. L'accent de base est, bien sûr, l'accent canadien. Cependant, entre l'accent de Grand-Sault en Acadie, celui du Lac-Saint-Jean, celui de Montréal et celui de Bonnyville, il existe des différences. Pour un Québécois, ce que l'on met sur un cadeau s'appelle chou; pour un Albertain, c'est une boucle.

Les accents étrangers viennent compléter cet assortiment. Autant il y a d'étudiants originaires de la France, de la Suisse, du Liban, du Maroc, d'Haïti ou du Viet-Nam, autant les prononciations et les vocabulaires sont nombreux.

On demande parfois si l'on parle toujours français à la Faculté Saint-Jean. Evidemment, non! Il faut toutefois nuancer. La langue d'enseignement est le français sauf quelques cours où l'anglais est utilisé. L'anglais n'est pas totalement banni de la salle de classe, mais son utilisation est restreinte à des explications de

vocabulaire. Les anglophones sont donc, tant bien que mal, sur un pied d'égalité avec les francophones.

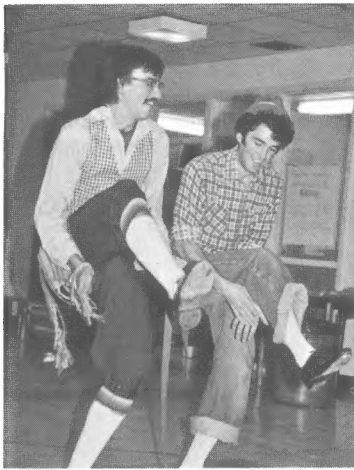
Dans les corridors, on entend souvent l'anglais. Même si la très grande majorité des étudiants sont à la Faculté pour le français, les trois quarts se disent plus à l'aise en anglais. La Faculté fournit un environnement français mais elle ne veut pas recourir à des tactiques coercitives. Personne n'oserait suggérer qu'il faut obliger tous les étudiants des autres facultés à parler anglais en tout temps.

Les étudiants qui désirent demeurer en résidence s'engagent à parler français le plus possible. Ceux qui ne respectent pas cet engagement peuvent être renvoyés de la résidence. Ainsi, l'étudiant qui habite la résidence bénéficie de l'immersion la plus complète en français.

Job Prospects Upon Graduation

Graduates of Faculté Saint-Jean face much the same job prospects as graduates of BA, BSc and BED programs from other faculties. The major difference is that their degrees are written in French and they can consider themselves bilingual.

This probably makes the least difference in the career aspirations



"La Gigue," performed by P. Lamoureux and G. Parent. Saint-Jean.

of a BSc graduate since such an advantage is of relatively little use in a world where much scientific research is in English. However, for employment with federal government agencies, bilingualism is a definite advantage. In private industry, the Edmonton office of a large engineering multi-national corporation was recently looking for bilingual engineers for a project to be built in Algeria.

An Arts graduate may also gain employment more easily in any of the federal government services if they are bilingual. A source at Canada Manpower recently indicated that there are approximately seventy-five federal government positions in Edmonton designated as bilingual. Other Arts graduates of Saint-Jean seem to find employment with the media, especially the French-language radio, television and newspaper.

It is probably the BEd degree which is the greatest assurance of finding a job in one's field. Graduates of Saint-Jean are in considerable demand as there is a shortage of qualified teachers for French immersion programs.

According to Alberta Advanced Education and Manpower, an average of approximately fifty such teachers must be hired each year. At present, only between ten and twenty students receive their BEd from Faculté Saint-Jean each year. These graduates may

often choose among several job offers. This situation is liable to persist as more and more school jurisdictions recognize the value of the immersion programs.

Role In The Community

Faculté Saint-Jean serves a francophone population which is mostly concentrated around Edmonton and in the northern parts of the province. This community has considered Saint-Jean as one of its institutions since the founding in 1908. The original role, as a juniorate of the Oblate order, was to prepare native-born priests for the missions and francophone communities of Western Canada.

In the post-war period, Saint-Jean served to give young men a classical education in French. In the last decade, the academic level became exclusively post-secondary. However, in spite of its changing educational role, the campus has continued to be used as a cultural centre. A number of different groups hold meetings at Saint-Jean, and some even have offices in the buildings.

The Centre d'Expérience Préscolaire allows children of pre-kindergarten age to socialize with one another and learn more about French songs, games, etc. A corner of the residence building has been set aside for them and a playground developed next to the "Château Lacombe" (a turn of the century red-brick building previously used by well-known personality Mr. Guy Lacombe and not to be confused with another Edmonton building of more recent construction!).

Another group which operates from an office located on campus is Francophonie Jeunesse de l'Alberta, a cultural group whose goals include providing activities (sports, films, concerts, rallies, etc.) in French for Franco-Albertans of high school and university age. Their major activity last year was sending an Alberta delegation to a rally, "On s'garoche à Batoche", held at the site of the last battle of Louis Riel, Gabriel Dumont and the

French-speaking Métis of the western plains. Through activities such as a visit to the National Historic Site, a theatrical recreation of the last few days of Batoche and group awareness discussions, young francophones from all four western provinces acquired a sense of community with their pioneer ancestors and Métis cousins.

Perhaps the best-known group operating from Saint-Jean is the Théâtre Français d'Edmonton. The curtain went up for the first play in 1969 and since then five or six plays per season have been presented to anglophone and francophone publics. Although most performances take place in the auditorium of the Faculté, in recent years the Rice Theatre of the Citadel has been occasionally used. A full-time director, who also gives drama courses at Saint-Jean, works with amateur actors and stage technicians to produce some of the finest theatre in French west of St. Boniface.

A more recently-organized group is the Salon d'histoire de la francophonie albertaine. Originally the project of then professor of history of Saint-Jean Sr. Alice Trottier and Dr. Kenneth Munro, professor of history at the Faculty of Arts, the Salon d'histoire has presented each year a number of conferences given by various speakers dealing with topics of Franco-Albertan history. The Salon, which now also includes the present professor of history at Saint-Jean, Gratien Allaire, has been awarded a grant by Alberta 75th Commission for the publication of two books on the history of the Franco-Albertan community. Published in both French and English, these works should be available later this year.

The students of Faculté Saint-Jean are active in the cultural life of the francophone community in Alberta. Besides the traditional dances on St. Catherine and St. Valentine's days, the student council organizes a winter carnival, a "journée canadienne", and arranges for recent French-language movies to be shown. Many of these activities are open



Chapel Interior. Saint-Jean.

to the general public.

In the last couple of years, there has been a renaissance of French-Canadian folk-dancing. In addition to a band "la Gigue électrique" which provides a steady flow of popular and folk music, there is a dance group "La Girandole" which has given exhibitions around the province. This past spring, a delegation from this group participated in folk-dance workshops held in Chicoutimi in Quebec. In fact, at most dances, by the time midnight rolls around "disco" is out and "la danse à la chaîne" is in.

The Federal-Provincial Second-language Monitor Programme also creates contacts between students of the Faculté and the community. In essence, this program provides study bursaries to francophone students from other provinces who agree to spend about ten hours a week helping a French teacher in an Alberta school. In this way, students are exposed to the culture and the points of view of francophones, an opportunity which might not otherwise arise.

Unknown to many, Faculté Saint Jean is on the campus telephone and mail systems. The Faculté can be contacted at 466-2196; 8406 91e rue. □

Research Reporter

Arctic History Being Revealed

Confronted by the vastness of its reaches and an image of solid ice and rock, one is hard put to credit the Arctic's description as delicate. The description is apt, however, for in this part of the world life exists in the most fragile of balances.

This is the message of modern-day environmentalists, but we need not rely on their word solely. The same message comes to us through history, as clearly evidenced by the work being done by Dr. Clifford Hickey, a University of Alberta anthropologist with an interest in the North.

Following Napoleon's defeat and subsequent exile to St. Helena in 1815, Britain was left with a large naval establishment with no war to fight. Soon it became evident that something had to be done to keep the navy occupied. Historically, one of the geographic concerns of the British had been the search for a northern passage to the Pacific to bypass the seas controlled by the Catholic nations. In the nineteenth century, then, the escalation of this search, along with coastal mapping on a world-wide scale, seemed to be an appropriate make-work project. The result was a large-scale incursion into the waters of the Canadian Arctic, lasting into the last half of that century.

Dr. Hickey, the chairman of the University of Alberta's Anthropology Department, is interested in determining what effects that incursion had.

While his work is far from complete, already a picture of significant disruptions has emerged. In fact, it appears that a single shipwreck during that period had far reaching consequences.

In 1853, HMS Investigator, which had been taking part in the search for Sir John Franklin and his party, was abandoned in Mercy Bay at the northern end of

Banks Island after having been locked in by ice for twenty months. Evidence assembled by Dr. Hickey points to the abandonment having major ramifications, including the virtual extinction of the muskoxen which had populated the Island in large numbers and the severing of long-established trading patterns.

The abandonment of a single ship does not seem to be of great significance until it is considered from the perspective of the Inuit of that time. Wood was obtained from chance finds of driftwood, from trade with neighbors to the south, or by piecing together tiny fragments of local brush. The only metal to which there was access was the native copper or those few metal items which came via the long informal trade routes. In that environment a 450-ton ship, its fittings, and many of its supplies was a treasure-trove of great proportions.

From archeological explorations of Banks Island and the records of Arctic explorers, Dr. Hickey is tracing the consequences of that discovery of treasure.

He has determined that very soon after Investigator was abandoned—perhaps in a few months—groups of Copper Inuit residing on Victoria Island had learned of the bonanza of wood and metal on the island to the north and began making trips to salvage material.

Such trips seem to have taken place in the summer. As a result, the people were removed from their normal summer food supply, the caribou herds, and they turned to hunting the muskoxen which were in abundance—'hunting' is almost a misnomer; 'slaughtering' might be more fitting, for the defensive strategy of the muskoxen makes them easy prey to man.

In his archeological investigations on the Island, Dr. Hickey has found evidence of "a minimum of 2,400" muskoxen killed during this time; that, he estimates, is likely something over



Muskoxen. Peter Nosko—Botany.

half of the entire number killed. From the evidence of the material found with the muskoxen remains, he reckons that muskoxen constituted about ninety percent of the Inuit diet during their occupation of Banks Island.

By 1890 the muskox was—if not extinct—virtually extinct on the Island, and driven by hunger the Inuit gave up the visits to the Island to resume their old way of life. The treasure now was depleted. All that remains today are some barrel hoops and staves; the hull of the ship having washed away.

A curious aspect of the findings that Dr. Hickey has made is the fact that there is evidence that some of the muskoxen were killed but little, if any, use was made of the carcasses. This is not consistent with the notion of primitive man living in harmony with Nature, harvesting only to meet his needs. Dr. Hickey says that the Copper Eskimo certainly were familiar with physiological paternity; therefore, one would expect that they might have concentrated on hunting the males, allowing the females and sufficient males to escape to carry on reproduction. Yet the archeological evidence shows that this was not done.

Dr. Hickey has an interesting

theory as to why it wasn't. He believes that the answer lies in the Inuit understanding of a spiritual relationship between the hunter and his prey. This involves the concept of transmigration of souls: single souls dying and becoming reincarnate in different bodies. It follows that the successful hunter is the one that treats the souls of his prey well so that they will give themselves up to him time and time again.

It is Dr. Hickey's belief that, struck by parallels in social organization between the muskoxen and their own communities, the Inuit on Banks Island attempted to kill entire herds at the same time so that their souls could continue to live together. This, they reasoned, would be pleasing to the souls and they would be willing to give up their new bodies in the future. It was, in fact, an attempt at conservation, although one rooted in beliefs very different from those which govern game management today.

At present, Dr. Hickey is devoting most of his energy to investigations to do with the depletion of muskoxen because he believes that it could provide some important clues to understanding other instances where the extinction or near extinction of a species

has occurred. It is not his only interest however. He is also interested in the fact that the study of the history of the Arctic has shown that sometime near the mid-nineteenth century the Pan-Arctic trade network which had stretched to Siberia and northwestern Europe broke down. This had some important historical consequences and Dr. Hickey suspects that it is more than coincidence that this happened at the same time the Copper Inuit discovered HMS Investigator abandoned off Banks Island.

Dr. Hickey is continuing his investigations of Banks Island this summer. He will be on the Island from 2 June until his return to Edmonton on 30 August.

For more information telephone Dr. Clifford Hickey (403) 432-3879.

Research Focuses On Memory

In order to learn more about memory a University of Alberta professor is working with people who have no memory.

Dr. Allen Dobbs, a professor of psychology, has long had an interest in amnesia, not only because he finds it interesting in itself but because of the clues it can provide about normal memory.

During the course of his work, Dr. Dobbs has had success in teaching people previously thought to be unteachable. These are people with Korsakoff Syndrome, a type of amnesia that psychologists term anterograde—that is, previous memory remains intact but memory of subsequent experiences is blocked.

A person suffering the syndrome has little conception of time and once attention turns from a subject no memory remains. Dr. Dobbs tells of people who are unable to recognize the person who has given them care for years, who have no recollection of the regular visits of relatives or friends, and who read the same paper day after day without finding it familiar.

Korsakoff Syndrome was first identified shortly before the turn of the century and is closely linked with alcohol abuse.

Dr. Dobbs says that while the syndrome has a distinct pathology it is often diagnosed as something else, perhaps premature senility, making it difficult to give figures for its incidence. However, he says, it is estimated that about three percent of the alcoholic neurological patients suffer the Korsakoff Syndrome.

Because of the severity of their memory deficit, most Korsakoff patients require custodial care. They may be intelligent, excelling in logic or mathematics, but they simply cannot learn anything new—at least it was previously thought they could not. Now work done by Dr. Dobbs suggests otherwise.

At the outset of his investigation of this amnesia, the University of Alberta professor decided upon a course different than that chosen by most researchers in the area. He decided that rather than simply producing more demonstrations of knowledge acquisition failures, he would concentrate on developing procedures that would allow substantial learning, thereby showing with greater specificity the learning deficits—silhouetting them, so to speak.

Devising procedural strategies proved easier than making them work, however. But Dr. Dobbs persevered, and eventually was successful.

Initially he concentrated on discrimination tasks—problems that involve choosing the correct answer on the basis of information gained. Typically, Korsakoff patients score no better than chance on such problems, answering correctly on about half of the questions when there are two possibilities, one correct, no matter how many times they repeat the test and are corrected.

Such was the result when Dr. Dobbs administered a test with two alternative answers displayed side-by-side and the patients asked to choose. Over and over again the patients would make the same mistakes. However when only the correct answer was displayed at

first and then, as the questions were repeated, the incorrect alternative gradually introduced until it eventually had the same stature as the correct alternative, the results were dramatically different. Even weeks later the patients were able to respond correctly.

This was significant, but Dr. Dobbs regarded the next step as critical. “Would the patients be able to change their response to information gained this way? Would they be able to learn to recognize that previously correct answer had become incorrect, while the incorrect had become correct?” They were.

Never before had this been the case. While some other researchers had been able to demonstrate the ability on discrimination tasks, Dr. Dobbs says that they had used tests on which the “to be learned” items had actually been learnable on the basis of memory prior to the development of the syndrome. Never before had learning stood up in a negative transfer situation.

Dr. Dobbs says that two aspects of this work with Korsakoff patients are particularly interesting for what they show about normal memory. The first has to do with recycling, the unconscious checking of memory against other knowledge: A Korsakoff patient might remember his year of birth as 1922, his age as forty-six, and the current year as 1979; an unaffected person would immediately recognize the contradiction.

The second aspect is even more curious. Korsakoff patients will remember information with no memory as to how they acquired it. “Just a lucky guess,” they will often say. With some patients Dr. Dobbs was able to teach word pairs that had no logical basis for pairing—perhaps ‘mother’ would trigger the response ‘electricity’. After the patients had learned the appropriate pairing they could give the correct response, but they would have no recollection of having learned the response or having given it before.

In another study, patients were seated side-by-side and one was given a simple but unique task to

do once or a number of times. Immediately afterwards both would recall the task, but not who did it or how many times. This points to the fact that memory has two components, the acquiring of information and an experimental component.

Dr. Dobbs’ research is made possible by a grant from Alberta Mental Health and most has been conducted at Alberta Hospital, Edmonton “with lots of cooperation from Dr. Ken Checkley and Dr. Pierre Flor-Henry.” Other work was done in the US at Boston Veterans’ Administration Hospital, as a check against undue influence by local conditions or diagnostic problems.

For more information, telephone Dr. Allen Dobbs, (403) 432-5850.

Research Provides New Insight Into Metal Corrosion Inside The Human Body

Conventional wisdom has struck out again.

This time it was conventional wisdom associated with the testing of metal prosthetics devices used in the body.

A surprising variety of metal paraphernalia is used to repair the human body: wires, artificial joints, pins, plates, nails, and so on. The exhaustive testing that these various devices are put through prior to their being approved for use in the human body includes corrosion testing. This is of particular importance because, firstly, corrosion can lead to the fracturing of the devices and, secondly, the products resulting from corrosion can cause pain.

However, corrosion testing is typically done by exposing the metal to a saline solution that reflects the salinity of body fluids. The conventional wisdom underlying this had it that testing with a straight saline solution would stimulate the worst-possible case. The organic components of body fluids, it was reasoned, would only protect the metal,



This stainless steel hip joint was removed from a patient after it fractured. As of yet, testing has not determined the cause of the fracture.

thereby inhibiting corrosion.

Not so, according to work done by a graduate student in mineral engineering at the University of Alberta. Organic solutions it appears can actually cause greater corrosion problems—worse than the “worst-possible”.

Once again, conventional wisdom has gone down swinging.

Bob Sutherby, the graduate student carrying out the research, first became interested in the corrosion of metal prosthetic devices while a student at the University of Calgary. Now he is working toward a master's degree in mineral engineering at the University of Alberta under the supervision of Dr. S.A. Bradford, a professor of metallurgy.

Their research has involved electrochemical testing of metal prosthetic devices in simulated physiological conditions; the medium used is calf serum—the clear liquid that is left after the blood cells and clotting factor are removed from calf's blood. The testing has shown that while the organic components of an organic fluid do in fact inhibit corrosion, they do not attach to the metal uniformly. This leaves areas unprotected and the corrosion, which is an electrochemical reaction, concentrates in these areas. This can result in severe pitting which could ultimately cause the prosthesis to fail, perhaps sooner than it would have if the corrosion had been more widespread.

As the next stage of research, Mr. Sutherby hopes to soon begin fatigue failure analysis of corroded metal prosthetic devices to determine the effects of cor-

rosion when combined with mechanical stress.

The ultimate goal of the work is, of course, the improvement of metal prosthetic devices. In discussing their work, the researchers point out that it has relevance to “not only the Six Million Dollar Man.” It is estimated in North America alone there are between two and three million prosthetic devices—metal, plastic and ceramic—installed each year in humans. Failure statistics range from .5 to six percent—small percentages perhaps, but to the person whose prosthesis has failed that is small comfort.

For more information telephone Dr. S.A. Bradford, (403) 432-2603, Bob Sutherby, (403) 432-2913.

Neonatal Research Project Underway

Neonatologists, those physicians who specialize in the medicine of the newborn, have not yet reached a consensus on what babies of very low birthweight should be fed.

At different hospitals these babies of about 1,000 grams or even less are fed differently. At some hospitals, such as the University of Alberta Hospital in Edmonton low-birthweight newborns are put on a diet of mother's milk, at other hospitals various special formulations are used, and at some the infants are fed intravenously.

While some research has been done in this area most has had a limited focus and none has been conclusive. For that reason, two professors of pediatrics at the University of Alberta have recently begun their own study to provide data which will allow a meaningful comparison of the various methods of feeding.

Dr. David Schiff is a professor of pediatrics and director of the neonatal unit at the University Hospital. He strongly supports the practice of feeding premature infant mother's milk—not simply the milk from any lactating woman, but the milk from the baby's own mother. Dr. Schiff

says that at many hospitals where there has been dissatisfaction with the results obtained from human milk, the milk used was from a milk bank. He says that, while milk banks are an excellent resource and the University Hospital has had one for eight years, recent research has shown that the milk produced by the mother whose pregnancy did not go full term is different from the milk of a “full-term” mother. This difference is felt to provide the preterm infant with milk which more closely meets his nutritional needs at this critical time of life.

At the same time that he voices his belief in the use of mother's milk, the neonatal unit director admits that there is no definitive clinical evidence to support it. But neither is there definitive research to support any other practice. The purpose of the current research is to provide some clear evidence as to which method of feeding is best—whether that is mother's milk or something else. A further concern is in determining what is an appropriate growth rate: should a premature baby be growing at the in-utero rate, or is that inappropriate?

Dr. Donald Spady, an associate professor of pediatrics, has expertise in human nutrition and in the monitoring of energy consumption and expenditure which he will contribute to the research. He describes the project as being at the “mid-early” stage. The instrumentation is being set up, the calibration being finalized, and some interesting testing has just begun.

Both doctors are pleased that the study, which will be unique in its consideration of all the interrelationships which relate to growth, will be very non-invasive—that is, it will not involve taking large amounts of blood from the infants, the placing of instrumentation in their bodies, or anything of that sort. All that the doctors will be taking from the babies will be expired air and stools and urine. Nevertheless, they will choose for the projects infants judged to be at low risk, and the consent of the parents will be obtained.

The essential focus of the

research is the determination of the energy requirement for normal growth and that will require the defining of normal growth. The project will involve some labor-intensive studies, and Dr. Spady estimates that it will take about two years to complete. Initially it will involve babies fed their mother's milk. That will provide baseline data. The project will then be expanded to duplicate the testing with babies fed different formulas.

The research will begin with babies of about 1,000 grams. For a two-day period every week, samples of their stools will be taken to obtain information related to energy loss, and nitrogen and fat content; from the stools and urine the amount of calories lost will be determined and this will be compared to the calorie intake. Also, for a twenty-four-hour period the oxygen consumption of the infant will be monitored—this is directly related to energy expenditure and will therefore provide another comparison of calories intake to calories used.

Other tests will relate this information to tissue growth by measuring the change in body composition of the infant over time. The researchers are not simply interested in weight gain; they want to know the individual components of weight gain: tissue growth, fat formation and water retention. This is important because some neonatologists believe that much of the weight gain accomplished on some feeding regimes is actually water retention.

Each baby's growth will be monitored until it reaches between 2,000 to 2,500 grams—which will take an average of about two months. Because the study is so labor-intensive only two babies at a time will be involved. Because of that, it will be about two years before conclusive results can be expected—and then Drs. Schiff and Spady will know whether or not their support for the use of mother's milk is justified by solid clinical evidence.

For more information telephone Dr. David Schiff, (403) 432-6631, Dr. Donald Spady, (403) 432-6631. □

Pembina Propeller

During a lunch at the Edmonton United Services Institute, Dr. C. Gordon-Craig of St. Joseph's College showed the recent article on the Pembina Propeller (Folio, 6 March, 1980) to a friend, Squadron Leader R.L. Wilkin, and challenged him to comment. The following letter has been received from Squadron Leader Wilkin.

Editor,
Folio.
Sir,
Re: 6 March 1980 Folio: "Up, Up, and Away."

It is interesting to read the scuttlebutt surrounding the "Pembina Propeller" and perhaps I can clear up some of the hilarious misconceptions surrounding it.

To give you some background on the No. 4 Initial Training School, RCAF, I was stationed at No. 2 ITS in 1940/41 and in the early spring of 1941 I was detailed to accompany Wing Commander (later Group Captain) C.A. Davidson, OC Command Works and Buildings, to survey the premises at the University of Alberta as a possible site for another Initial Training School. As a result,

No. 4 ITS RCAF came into being in the early summer of 1941 with Wing Commander J.A. Hutchison in command. I was posted here in June 1941 as Senior Equipment Officer. Pembina Hall was used as the Officers' Mess and Quarters by the Late W. Leigh Brintnell and Harry W. Hayter of Aircraft Repair Ltd.

As for the propeller, this was donated to the Officers' Mess at the Municipal Airport. I can't identify the prop. for sure, but it runs in my mind that it was supposed to be off a World War I Fokker D VII, though it would appear to be too large for that aircraft. It was certainly not of World War II vintage. As for the brass tips, these are common on most wooden propellers to prevent undue wear and tear—not to deflect bullets as your Folio writer infers!

Yours sincerely,
R.L. Wilkin.

With the kind assistance of Mr. R.W. Ramshaw, Coordinator of Building Services, and the Pembina Hall Housekeeping Staff, several reconnaissance expeditions led by Squadron Leader Wilkin have set out to investigate the propeller, the



The propeller was given to Pembina Hall in 1945 by Group Captain J. Hutchinson on behalf of the RCAF.

other members of the team comprising W.O.I. Cec. Gales, Dr. Chris Gordon-Craig, Dr. Al. Ryan and Wing Commander Art. H. Warner. Preliminary conclusions seem to indicate that the propeller may be off one of

the old Imperial Oil Junkers that used to operate out of Edmonton in 1922. Investigations are continuing.

Dr. C. Gordon-Craig

Editor's note: The statement in the 6 March issue of *Folio* concerning the deflection of bullets follows.

"Although the brass plates inset in the propeller's blades may have no bearing on its origin, the use of these plates dates back to the First World War. At that time the brass plates were mounted on the rear face of propeller blades to deflect bullets from unsynchronized machine guns being fired through the path of the turning propeller. Unfortunate for our theory, brass plates were widely used for purposes other than this.

The Staff of *Folio* invites letters from anyone knowledgeable about the history of the Pembina Propeller." □

The Encyclopedia of Canada

By now it should be common knowledge that the Government of Alberta is providing \$4 million to Hurtig Publishers for the very ambitious publication of *The Encyclopedia of Canada*. What might not be well known is the relationship between the publisher and The University of Alberta.

Frank McGuire, Vice-President and Managing Director of New Canadian Encyclopedia Publishing Ltd., says that the company and The University "are partners in the project." The company, a division of Hurtig Publishers, will be making extensive use of the University's resources. Resources which include libraries, computers, the expertise, knowledge and services of leading research departments such as Soil Science, and the personal talents and knowledge of an endless list of academic and non-academic staff

members. The encyclopedia staff are located on campus in Ring House number 4, and will be expanding by spring of 1981 when the number of full-time staff is expected to reach twenty. In return for this invaluable list of services the publisher will share its profits with The University, and pay an annual fee each year until 1985, when the encyclopedia is to be completed. The University will receive in perpetuity a share of all profits generated by *The Encyclopedia of Canada*.

So that all Canadians will have access to the authoritative reference, texts will be given as gifts to about 24,000 schools and an additional 4,000 libraries. This represents a considerable amount of cash when the retail price of about \$85 is considered. Translation rights will be offered free so that a French language edition should be released later. □



Left to right, Squadron Leader R.L. Wilkin, Dr. Al Ryan, and Dr. C. Gordon-Craig examine the propeller for identification markings.

President Proposes Use For Heritage Funds

*Dr. Myer Horowitz's
Convocation Address of
4 June 1980*

Eminent Chancellor. The large number of men and women graduating today in the Faculties of Agriculture and Forestry, Engineering, Home Economics, Physical Education and Recreation, and Science, together with the hundreds of others who graduated from this University earlier this week and who will be graduating tomorrow, indicate more clearly and more dramatically than words possibly can the priority this University places on teaching and learning. On behalf of the entire University community I congratulate you who will be awarded degrees this afternoon and also your relatives and friends who have supported you in your accomplishments.

Convocation provides an opportunity to share our reflections on past successes and frustrations and our aspirations for the future. Over the last seventy years we have become a major Canadian university, Madam Chancellor, and we would like to develop into an even greater international university. What we have achieved has been as a result of the contributions of people who have served this University well and, in so doing, have served well Edmonton and Alberta and Canada. Last Friday evening our Board of Governors honored fifty-six men and women upon their retirement. I want to recognize publicly our debt to these individuals for their almost 1,100 years of service as professors, researchers, administrators, comptrollers, librarians, secretaries, caretakers, food assistants and academic and service personnel in numerous fields.

This afternoon I invite you to look to the future—five and ten and twenty years to the turn of the century. The major effect for post-secondary institutions of the drop in the birth rate during the 1960s and the early 1970s will occur during the next fifteen



Convocation June 1980.

years. The Science Council of Canada, in its recent publication "*University Research in Jeopardy—The Threat of Declining Enrolment*," indicates that the number of young people in Canada between the ages of eighteen and twenty-four will decrease by over twenty percent by 1990. Clearly, in Alberta we shall benefit from in-migration and, hopefully, we shall be more successful than we have been in attracting mature students into the universities. We, too, however, shall experience the effect of the dramatic drop in the birth rate. In spite of annual increases in operating budgets of eight to nine and one-half percent during the last several years, the particularly high inflation rates which we experience at universities have decreased the real value of our

income. I fear for what will happen to the quality of our teaching and research if, during the next few years, we shall have to continue to delete academic positions, especially from the departments of the Faculties of Arts and Science. As an academic who has been associated with a professional faculty I am prepared to emphasize that no matter what advances we make in business and the health sciences and in engineering and teacher preparation, the units in the Faculties of Arts and Science continue to represent the core of the University. What happens to them inevitably will affect the quality of what we do in the University as a whole.

At the very same time when the reality of university financing necessitates a shrinking of our operation (and, in fairness, I must

admit that the situation is much worse in other parts of this country) not too many positions will become vacant due to retirement. Most of us on the staffs of this and other universities are in our late thirties to early fifties. We who were first hired by universities in what now seems to have been the far more affluent days of the 1960's will be retiring in great numbers at the turn of the century. What demands there will be after 1995 for university staff as a result of large numbers of us reaching retirement age and the recent modified baby-boom generation reaching university age! How sad it will be if we lose from the academic ranks an entire generation of gifted and imaginative people because of a shortage and, in some fields, an absence of positions. This will happen unless universities and governments and the public at large recognize the special problems we are facing as we enter the 1980's and, with determination, attempt to do something significant to deal with these problems.

We, at the universities, must be prepared to look critically at what we are attempting to do. I am very pleased, Madam Chancellor, that as an outcome of the recommendations of the Priorities Committee of the Board on which you and the Board Chairman served, we shall be embarking on reviews of all of our academic programs and service units. Earlier this year General Faculties Council endorsed enthusiastically a mechanism for conducting these reviews. The President's Advisory Committee on Academic Reviews has been formed and I am delighted that Dr. Walter Harris, formerly Chairman of Chemistry, has agreed to be Chairman. Joining him, in addition to Vice-President Baldwin, will be Dr. George Ford, formerly Dean of Engineering, and Dean John Forster of the Faculty of Graduate Studies and Research. In guiding the review activities, and in appointing and directing

Folio/New Trail Campus Supplement

Water Resources Conference to be Held Next Week

On 27 and 28 August a conference will be held in TL-11 H.M. Tory Building whose official title is "Interbasin Transfers in Water Resources in Alberta." The object of the conference, sponsored by the Alberta Branch of the Canadian Water Resources Association and the Water Resources Centre at this University, to consider government policies and to provide "state of the art" information on various aspects of this subject.

One of the featured speakers on Wednesday will be Henry Caulfield of Colorado State University, a specialist on the politics of water management—he was the first Chairman of the Water Resources Council. Sessions will be concerned with engineering and agricultural aspects of water transfer and water use. The second day opens with a presentation by former University President Harry Gunning, who currently serves as Chairman of the provincial Water Advisory Committee; A.W. Hyland, MLA for Cypress and Chairman of the Progressive Conservatives' Caucus Committee on Water Management; and Jack Horner, rancher from Pollockville and a well-known Albertan politician. Other speakers will discuss particular legal, economic, and environmental aspects of moving water from one basin to another. □

Coming Events

Exhibitions

Rutherford Library Galleria
Continuing. "Canada's West: Photographs from the University of Alberta Archives." A selection of historical photographs relating to Western Canada.

University Special Collections
"Sing, Shining Republic! Highlights of American Poetry, 1809-1978." B37
Cameron Library.

Devonian Botanic Garden

Plants in bloom during the first week of September:
Aster, Chrysanthemum, Clematis, Echinops, Gypsophila, Lilium, Solidago. The Garden is open to the public Monday to Friday, 10 a.m. to 6 p.m. Saturdays, Sundays and Holidays 1 p.m. to 6 p.m. During August, guided tours will be given at the following times:

Wednesday, Thursday, Friday:
11 a.m., 1 p.m., 3 p.m.
Saturday, Sunday: 1:30 p.m., 3 p.m., 4:30 p.m.

The Garden can be reached by travelling 10 kilometres west of Edmonton on Highway 16, then 15 kilometres south on Highway 60.

Films

SUB Theatre

23 August. 7 p.m. Ukrainian Students' Club presents "The Strongest Man in the World."

Theatre

Students' Union Theatre

18 to 22 August. "Breath of Our Grandfathers" by KSA Performing Arts. Admission \$5.

Lectures and Seminars

Department of Biochemistry

Theoretical Physics Institute

26 August. 2 p.m. Paul S. Wesson, University of Oslo, will speak on "Variable G: Implications for Geophysics, Astrophysics, and Particle Physics." P361 Physics Building.

Water Resources Centre

27 and 28 August. A conference entitled "Interbasin Transfers in Water

Resources Management in Alberta." Tory Theatre.

Art of Living Club

27 August. 8 p.m. See posters for topic or phone 483-8519. 159 SUB. West entrance.

Institute of Earth and Planetary Physics

29 August. 10 a.m. A.E. Scheidegger, Technische Universität, Vienna, will conduct a seminar entitled "Connection of Geological and Geomorphological Features with Neotectonics." P631 Physics Building.

Notices

The Department of Education of Mount Saint Vincent University is sponsoring a national interdisciplinary conference on the future of children (0-12 years) in Canada, entitled "The Canadian Child in the Eighties." The conference will be held 18, 19, and 20 March 1981.

Major addresses will be given by Dr. William Fowler, formerly with the Ontario Institute for Studies in Education and now at Harvard University and Dr. Jacques Voneche of the Institute de Pedagogie in Geneva, Switzerland.

Social and health science scholars and researchers interested in presenting papers that project the future effects of recent developments in their areas of study are invited to submit proposals (500-1,000 words) to: Conference Coordinator, The Canadian Child in the Eighties, Education Department, Mount Saint Vincent University, 166 Bedford Highway, Halifax, Nova Scotia, B3M 2J6.

Selected papers will be included in a publication of conference proceedings.

International Student Orientation

An orientation program for newly arrived international students will be held from 26 August to 30 August. For further information contact the International Student Office, Room 225, Athabasca Hall, 432-4145.

Reception Service

The International Student Office requires volunteers to meet new international students at the airport upon their arrival. Return mileage will be paid. Telephone 432-4145.

Mature Student Orientation

On 26 August the Office of Student Affairs will be conducting an orientation program for students who will begin their studies after an extended absence from a school setting. Further information is available in Room 225, Athabasca Hall, 432-4145.

Study and Writing Skills Workshops

An evening program to improve your academic skills will be conducted 3 and 4 September. Contact the Office of Student Affairs, Room 225, Athabasca Hall, 432-4145, for details.

With a Little Help From Our Friends

The Students' Union Art Gallery is looking for volunteers to assist the permanent gallery staff in supervision during the hours when the gallery is open to the public. (Our first exhibition this fall opens on 4 September.) Attendants will be involved with security but will also meet and inform the public about the art, and will assist with opening receptions. Seminars and information kits will be provided to prepare the volunteers.

By using volunteers as gallery attendants, we hope to release some of our limited funds to improve the range and quality of our program, both in exhibitions and in bringing in important guest speakers/artists' presentations.

If you are interested in being involved as a friend of our gallery, please contact the Program Coordinator for an interview. Telephone 432-4547.

Positions Vacant

Director, Cancer Research Group

The University of Alberta and the National Cancer Institute of Canada invite applications for the post of Director of the University of Alberta Cancer Research Unit. The present laboratories, which are fully equipped to undertake research on most problems in modern biology, particularly biochemistry, occupy approximately 10,000 square feet in the Medical Services Building. The focus of interest of the present staff is the mechanism of action and metabolism of various classes of anti-neoplastic agents in animal, in vitro and clinical systems. Support for the research program and the salaries of senior staff members are provided by the National Cancer Institute of

Canada. It is customary for senior staff members to hold academic appointments, to be eligible to accept graduate students and to accept a modest teaching load. The salary will be dependent on experience and on levels prevailing at The University of Alberta. The deadline for the receipt of applications is 31 October 1980 and the appointee could commence duties as early as convenient. Applications, recommendations and enquiries should be addressed to: Dr. D.F. Cameron, Chairman, Selection Committee, Faculty of Medicine, University of Alberta, Edmonton, Alberta, Canada, T6G 2E1.

APO—Staff Accountant

The Office of the Comptroller offers a challenge in a unique environment for a capable person, and promises an opportunity for growth.

The ideal candidate will have: a recent qualification as a professional accountant, good communication skills, experience with a computerized accounting system, an analytical aptitude, a demonstrated supervisory ability, and the ability to work effectively with others.

The successful appointee will: prepare various accounting reports and statistical analyses including financial forecasting, assist with the development of accounting systems and related policies, and provide Management advice to the Student Fee Accounting Division.

Salary will be commensurate with qualifications.

The University offers a comprehensive employee benefits package. Send a complete written résumé including salary expectations to: A.S. Knowler, BCom, Comptroller, The University of Alberta, Edmonton, Alberta, T6G 2M7.

Non-Academic Positions

To obtain further information on the following positions, please contact *Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 7 August 1980.*

Financial Records Clerk (\$830.-\$991.42)
—Office of the Comptroller—
Payroll

Clerk Typist II (\$830.15-\$991.42)—
Purchasing; Office of the Comptroller
—Payroll; Political Science; Romance
Languages; Office of the Comptroller
(Term) (2 positions)

Clerk Typist II (Part-Time, Term)
(\$415.08-\$495.71)—Anthropology

Clerk Steno II (\$861.22-\$1,030.83)—
Nursing; Anatomy; Education—
Student Records Office; Physical
Education

Duplicating Equipment Operator II
(\$893.47-\$1,069.05)—Mathematics;
Law

Clerk Typist III (\$922.13-\$1,109.66)
—English; Registrar's Office

Dental Records Clerk (\$922.13-\$1,109.66)
—Dentistry (Recurring Term);
Dentistry

Clerk Steno III (\$959.16-\$1,157.44)—
History; Institutional Research and
Planning; Personnel Services and Staff
Relations; Canadian Institute of
Ukrainian Studies

Student Record Processing Clerk
(\$959.16-\$1,157.44)—Education—
Student Records Office
Admission Records Trainee/Coordinator
(2 positions) (\$959.16-\$1,205.22)—
Office of the Registrar

Accounts Clerk (Part-Time)
(\$495.71-\$602.61)—Devonian
Botanic Garden; Forest Science
Accounts Clerk (\$991.42-\$1,205.22)—
Office of the Comptroller—Payroll;
Purchasing

Dental Assistant Supervisor (\$1,030.83-
\$1,257.77)—Mobile Dental Clinic
(Trust)

Medical Steno (\$1,030.83-\$1,257.77)
—Surgery; Psychiatry

Secretary (\$1,069.05-\$1,309.14)—
Medical Laboratory Science; Obstet-
rics and Gynaecology; Stromatology;
University Health Service; Office of
the Registrar (Term)

Library Assistant II (\$1,069.05-
\$1,309.14)—Extension—Legal
Resource Centre

Medical Records Librarian I (\$1,069.05-
\$1,309.14)—Pathology

Departmental Secretary (\$1,205.22-
\$1,484.74)—Institutional Research and
Planning; Health Services Admin-
istration

Audiovisual Assistant (Term) (\$893.47-
\$1,069.05)—Health Sciences Audio-
visual—Education

Computer Assistant II (\$991.42-
\$1,205.22)—Computing Services

Storeman II (Part-time) (\$1,030.83-
\$1,257.77)—Full-time Equivalent)—
Introductory Biology Program

Pool Operations Attendant (\$1,069.05-
\$1,309.14)—Physical Education and
Recreation

Biochemistry Technician I (\$1,069.05-
\$1,309.14)—Forest Science (Term);
Biochemistry (Trust)

Biology Technician I (\$1,069.05-
\$1,309.14)—Introductory Biology
Program; Genetics

Technician I (\$1,069.05-\$1,309.14)—
Computing Services; Medicine
(Term); Zoology; Soil Science

Civil Engineering Technician I
(\$1,069.05-\$1,309.14)—Civil
Engineering

Graphics Technician I/II (\$1,069.05-
\$1,484.74)—Technical Services—
Graphics

Technician I/Technologist I (Trust)
(\$1,069.05-\$1,309.14)—Physiology

Vehicle Operator (\$1,109.66-\$1,365.29)—
Provincial Laboratory

Building Service Worker IV (\$1,157.44-
\$1,423.81)—Physical Plant

Computer Operator I (\$1,157.44-
\$1,423.81)—Computing Services

Post Office Supervisor (\$1,157.44-
\$1,423.81)—Scheduled Distribution

Audio Visual Technician II (\$1,205.22-
\$1,484.74)—Language Labs

Security Officer I (\$1,205.22-\$1,484.74)—
Campus Security

Technologist I (\$1,205.22-\$1,484.74)—
Physical Education; Anthropology

Biochemistry Technologist I (\$1,205.22-
\$1,484.74)—Microbiology (Trust)

Programmer/Analyst I (\$1,257.77-
\$1,550.43)—Genetics

Art Technician Demonstrator I
(\$1,309.14-\$1,617.33)—Art and Design
(2 positions)

Electronics Technician II (\$1,309.14-
\$1,617.33)—Animal Science (Trust);
Chemistry; Physical Education

Electronics Technician II/III (\$1,309.14-
\$1,843.07)—Computing Science

Biology Technologist II (\$1,365.29-
\$1,690.17)—Genetics

Technician III (\$1,365.29-\$1,690.17)—
Home Economics

Electronics Technician III (\$1,484.74-
\$1,843.07)—Physics

Engineering Technologist III (\$1,484.74-
\$1,843.07)—Physical Plant

Programmer/Analyst II/III (\$1,484.74-
\$2,195.45)—Administrative Systems
(2 positions); Computing Services (2
positions); Printing Services

Biology Technician IV (\$1,550.43-
\$1,924.31)—Genetics
Programmer/Analyst III (\$1,763.03-
\$2,195.45)—Computing Services
Engineering Technologist V (\$1,924.31-
\$2,400.90)—Physical Plant

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.

Library Clerk III (\$893.47-\$1,069.05)—
Cataloguing (2 positions); Science
Senior Clerk (\$893.47-\$1,069.05)—
Accounting; Library Support Services
Library Assistant I (\$959.16-\$1,157.44)
—Cataloguing; Acquisitions; Health
Sciences
Library Assistant II (\$1,069.05-\$1,309.14)
—Government Publications
Programmer/Analyst III (\$1,763.03-
\$2,195.45)—Systems

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 20 cents per word for the first week and 10 cents per word for subsequent weeks ordered before the next deadline. Advertisements must be paid for in advance, and are accepted at the discretion of the Editor. We regret that no advertisements can be taken over the telephone. For order forms or further information, telephone 432-2325.

Accommodations available

For sale—Classy, comfy condominium (large Hearthstone townhouse). Finished basement with superb laundry/sewing centre. Sliding patio doors to appealing cedar deck bordering greenbelt. Only few steps to ravine. Call DeAnna Larson 481-0936, 436-5250. Spencer's.

For sale—Corner lot in Riverbend (75'x125'), possible view towards river, \$105,000. Call DeAnna Larson 481-0936, 436-5250. Spencer Real Estate.

For sale—By owner. Five bedroom, two baths. 11050 80 Avenue. \$98,000. Call Paul 433-9866.

For sale—Garneau charm. Charming, two storey, built in 1928 and fully restored in 1979. Only a few minutes walk from the University campus or hospital. Gorgeous hardwood throughout. New kitchen, new roof, new plumbing. Asking \$149,000. Call Ron Holmes 436-3050, res. 434-6928 for further details. Potter Realty Co. Ltd.

For sale—Windsor Park. Impeccably kept 1,400 sq. ft. home. Finished basement, double garage, mature landscaping, aluminum windows,

kitchen cupboards recently renewed, well planned for comfortable living. Call Goetz at 439-0035, res. 436-1134. Crescent Realty.

For sale—\$89,900 in Parkallen. Three bedrooms, large dining room, double garage, 165' lot. DeAnna Larson 481-0936 Spencer Real Estate 436-5250.

For sale—\$169,000 in Riverbend! Four bedroom executive home with "picture perfect" back yard. See it now. Call DeAnna 481-0936 or Eva 437-5603. Spencer Real Estate 436-5250.

For sale—By owner. Remodelled, three bedroom bungalow, 1,460 sq. ft. 7311 118A Street. Belgravia. 436-4746. \$141,900.

For sale—2,800 sq. ft. hillside bungalow in River Valley Country Estates. Magnificent view of river valley and Windermere Golf Course. Pleasant 20 minute drive to University on hardtop roads. Fully landscaped, 1.2 acres. Easy walk to river and big island. Five bedrooms, study, three bathrooms, two fireplaces, large family room, triple garage. Private sale and priced accordingly at \$155,000. Phone 487-3163, 432-5690.

For sale—Garneau home. By owner. 1,000 sq. ft., three bedrooms, newly renovated, very neat. First mortgage 11¼%. 424-2738 (9 a.m.-5 p.m.), 439-6511 (7-9 p.m.).

For sale—Belgravia. Semi-bungalow, 1,394 sq. ft., spaciouly redeveloped, park-like lot on quiet crescent. \$117,800. By owner 434-4863.

For rent—Main floor of house. Two bedrooms, yard. Furnished. Nice house, hardwood throughout. Mill Creek, close to University, downtown. Couple preferred. \$450/month, utilities included. Available immediately. Call 433-3708, 432-4104.

For rent—Unfurnished, luxury, one bedroom condominium in Claridge

The Senate

Annual Report 1979 - 80

The University of Alberta



On 13 September 1979, in one of the first official ceremonies of the academic year, Dr. Myer Horowitz was installed as President and Vice-Chancellor of The University of Alberta. A large gathering of friends, faculty, and well-wishers from off-campus filled the Jubilee Auditorium to witness the Oath of Office being administered by the Chancellor, Mrs. Jean Forest. Dr. Horowitz's Installation Address reflected his personal commitment to The University of Alberta and his determination as President to approach existing challenges with wisdom and energy.

The Fall Convocation was held on 17 November 1979, and an honorary degree was conferred on Dr. Herbert T. Coutts, Professor Emeritus of the Faculty of Education. Out of a total of 1,406 graduands 541 students attended Convocation.

Spring Convocation took place over four days, to accommodate the larger number of graduands and their guests who wished to attend. One day was set aside solely for the Faculty of Education. Honorary degrees were conferred on His Honour Frank Lynch-Staunton, Lieutenant-Governor of Alberta on 2 June 1980; Mr. R.N. Dalby and Mr. E.A. Geddes on 3 June 1980; Dr. E.T. Salmon and Dr. J.R. Vant on 4 June 1980; and Dr. B. Babin and Mr. Justice Decore on 5 June 1980. In all, 1,717 students attended Convocation out of a total of 3,613 graduands.

Committee Business

The regular business of Senate is carried out through its standing committees, which are the Executive, Honorary Degrees, Nominating and Emil Skarin Committees.



The University Senate 1908, not all members present. U of A Archives.

The Executive Committee meets monthly to deal with the regular business of Senate. All Senate members are welcome to attend these meetings, and all activities are subject to ratification at a full meeting of Senate. The recent changes in the Universities Amendment Act make provision for a larger Executive Committee than has been possible before, and in 1980-81 it will consist of the Chancellor and eight other members of Senate, including the President of the University and a representative from each of the Students' Union and Graduate Students' Association.

The Nominating Committee normally meets twice a year: once to consider all nominations made to fill vacancies among the publicly-elected members of Senate (and there are often over forty nominations to review, elicited through advertising in a selection of local newspapers across northern Alberta); and again to draw up a slate of appointments to standing committees and other bodies on which Senate is represented. The Nominating Committee also organizes an orientation meeting for new Senate members.

The Honorary Degrees Committee meets to choose recipients

for honorary degrees for the Spring, Fall and Special Convocations. This Committee decides on the number of honorary degrees to be conferred, and again often has over fifty nominations from which to choose. Members of the Committee are kept constantly aware of the significance of honorary degrees to the University, and of the need to ensure that all recipients should be worthy of the honor being accorded.

The Emil Skarin Fund Committee arranges for the distribution of monies accruing from the Emil Skarin Bequest, according to the terms of reference agreed with Mrs. Skarin. Preference is given to projects with an emphasis on the humanities and the arts. The recipient this year was the Long-spoon Press which, directed by professors Barbour, Neuman and Scobie of the Department of English, will be publishing the work of Alberta poets.

Activities of Task Force Groups

In November 1979, Senate formed a Commission on University Purpose. This issue has been the subject of considerable interest to Senate members over a period of two years. It was the

student members of Senate who raised the issue again and presented a strong case for the Senate to look into the subject. An ad hoc committee reviewed the discussions previously held and recommended that a Commission be formed to review the Purpose of a University, and the perceptions held by various groups. It is felt that the process involved in exploring this issue will be valuable in raising the awareness of the purpose of the University, and that a report of special significance will result from the deliberations. It is anticipated that publication of the report in the Spring of 1982 will be of particular interest to the public as well as members of the University community in what will be the University's 75th Anniversary Year. The scope of the Commission is considerably wider than the Senate's usual task forces, and the Senate was grateful to the Board of Governors for special funding, over and above the regular Senate budget.

A second task force was formed in January 1980, to consider public attitudes to and interest in second language education; and the implications for the University of the re-introduction of a second language requirement for admission to University. Again, an ad hoc committee considered a letter from Dr. Joe Kandler (former member of Senate), who asked Senate to investigate this subject, and the Task Force was set up following the Committee's recommendation.

One area to which Senate is presently paying more attention is that of follow-up reports. In November 1979, the administration presented to Senate a comprehensive report on actions

taken in response to recommendations contained in the Status of Women Report which was presented to Senate in May 1976. Senate continues to be interested in matters raised by that report, and is anticipating further information regarding Recommendation #6, relating to the status of non-academic women on campus.

In January, 1980, a follow-up report to the Task Force on Visiting International Students in Alberta (VISA students) provided Senate members with much information on action taken following the recommendations contained in the report. In addition, when the report was found to have been used by WS in its reply to critics of its "Campus Giveaway" program, copies of the full report were sent to everyone known to have received the letter. The concerns of the international student have always been of particular interest to Senate. When the Progressive Conservative Party of Alberta at a recent Convention passed a resolution asking the government to decrease the number of foreign students allowed to attend Alberta universities, Senate responded vigorously to the Minister and to the party by forwarding a Resolution urging the government not to restrict further the enrolment of international students. Senate was pleased to learn from the Minister of Advanced Education and Manpower that such is not government policy at this time, and no change is currently being contemplated. Senate continues to try to circulate accurate information regarding the numbers of international students on campus at The University of Alberta, as it is felt that the lack of accurate statistics is often responsible for the kind of



Honorary degrees were conferred at Spring Convocation on (top—left to right) Dr. E.T. Salmon, Dr. J.R. Vant, Mr. R.N. Dalby, (middle—left to right) Dr. R. Babin, His Honour Frank Lynch-Staunton, Mr. E.A. Geddes, and (Bottom) Mr. Justice Decore.

negative reaction to the presence of VISA students. In May 1980, a substantive report following up the work of the Task Force on Children and Others with Learning Disabilities



was presented. It was felt that the lack of inter-disciplinary consultation between the various departments on campus, in government and in the professions—which had been highlighted in the report—was accepted by most respondents to the report as a real concern and drawback in the efforts being made to help the learning disabled. Senate was especially pleased, therefore, to receive a joint reply from three government departments: Advanced Education and Manpower, Education, and Social Services and Community Health—as this was seen to be a first step in closer cooperation at the government level. Much remains to be done, but the stimulative effect of the task force report was widely recognized. Senate asked for further monitoring and a report in November.

Also at the May meeting, the Acting Advisor on Native Affairs brought Senate members up-to-date on the recent activities of his office, with particular reference to the recommendations of the Task Force on Native Students. Earlier in the year the director of Project Morningstar had given a brief report on the activities currently in progress at Blue Quills.

Other activities

For the first time in several years Senate visited a community outside Edmonton, and chose St. Paul as the site of its first meeting of the year. Two days were spent in the area: a workshop and orientation for members was held on Friday, 28 September, and the plenary meeting of Senate took place on the following Saturday. We were fortunate in being able to host a luncheon at



Senate visited St. Paul for its first meeting of the year. The Honourable James Horsman, Minister of Advanced Education and Manpower, (left) was the guest speaker.

which the Minister of Advanced Education and Manpower, the Honourable James D. Horsman, was guest speaker. It was of particular interest to Senate members to learn of his supportive reaction to the work of the Task Force on Children and Others with Learning Disabilities, and to read later in Hansard of his positive reference to the volunteer work of the Senates in Alberta. Senate members were afforded an opportunity on Friday evening to meet members of the St. Paul community at a reception hosted by the Chamber of Commerce: and were delighted that so many residents chose to attend the full Senate meeting on Saturday and present oral and written briefs, outlining some concerns. In particular a group of nurses expressed their frustration at not being able to complete in

St. Paul at least some courses for the post RN degree (and it is interesting to note that special funding has recently been made available to the Faculty of Nursing for such off-campus courses); a plea was made for Senate support of more off-campus credit courses in the St. Paul area; and doctors requested that more attention be paid during the training of medical personnel to the special rewards and challenges of rural practice. All the briefs were forwarded to the Minister for his information, and to the appropriate bodies on Campus. The brief from the doctors prompted one Senate member to ask about the difficulties encountered in other professions with regard to practice in rural areas, and Senate was able to acquire and circulate information which many Deans courteously

supplied. The Dean of Dentistry, together with two students, gave a stimulating presentation on the work of the faculty. The information regarding mobile dental clinics was of special interest.

Apart from the experience for Senate members in learning, through the workshop conducted by Professor Hayden Roberts of the Faculty of Extension, more about The University of Alberta and its place in the post-secondary educational system in Alberta, and becoming acquainted with the work of Senate, it was the unanimous opinion of all that the contact with the members of the St. Paul community was valuable to the University as a whole. The visit was a very real way to "enhance the usefulness of the University." It was no surprise, therefore, that an ad hoc com-



The Task Force of Second Language.

mittee set up to review the desirability of further out-of-town meetings, strongly recommended that the experiment be repeated, and in September 1980, Senate will travel to Fort McMurray to hold a meeting there.

Senate has continued the practice of having presentations from various groups at its plenary meetings. In addition to the Faculty of Dentistry mentioned earlier, the Faculties of Education, Engineering and Extension have each had the opportunity to speak on their objectives and some of the problems. It is always stimulating for Senate members to learn more about The University of Alberta, and response to the presentations has been enthusiastic. The Senate has also heard presentations from The Students' Union and Athabasca University,

as part of the program to learn more of the different constituencies in post-secondary education in Alberta.

At plenary meetings of Senate, members have continued to raise questions of general interest. Small group discussions took place on subjects as diverse as the possibility of Senate becoming involved in recruitment and fund-raising, and the issue of second-language requirements at Universities. Following a letter from a member of Senate, information was circulated about the Minister of Education's Advisory Committee on Student Achievement, and as a result a letter was forwarded to Dr. Mowat, the Minister's representative, urging that extensive consideration be given to all the alternatives, when discussing how to measure student achievement.

(The issue of the return of Grade 12 departmental examinations has still not been resolved at the Ministerial level.)

The Students' Union requested that Senate again review the question of Student Finance, as a follow-up to the work of the 1973 Task Force and also Senate's response to the Grantham Report. The issue is still under consideration, following the Minister's recent announcement of changes in the student loan scheme. A further request that Senate investigate the special problems and needs of the bright child will be dealt with in the fall.

In all over sixty committee and task force group meetings have been held in the Senate office during the year, proof indeed of the enthusiasm and commitment of the members of Senate, all of whom are volunteers.



Chancellor Mrs. Jean Forest

Liaison with other bodies

The Chancellor has visited the Universities of Calgary and Lethbridge to attend one Senate meeting on each campus, in addition to visits on other special occasions. The Executive Officer, Mrs. Totman, has maintained close liaison with the other Universities and has attended Senate meetings in both cities, accompanied on one occasion by Mrs. Brooks, and on another by Mrs. Sprague. The Executive Officers of Calgary, Ms. Barbara Clark, and Lethbridge, Mr. Jim Dunstan, continue to attend Senate meetings in Edmonton on a regular basis, and we were particularly pleased when Senate members from Calgary were able to join us.

The Chancellors of the three Alberta Universities, each with an executive committee member, together with the Chairman of the Governing Council at Athabasca University, have continued regular meetings to discuss items of mutual interest. It has been particularly useful to be able to consider suggestions for changes to the Universities Act in this setting, and members of the

Department of Advanced Education and Manpower have consulted with the group when new proposals were being considered.

The Chancellor visited Toronto, Montreal and Ottawa in the fall, in company with the President of the Alumni Association and the Director; and this spring she went to Grande Prairie and to Red Deer with the Alumni Association. The contact with so many alumni across the country has been a stimulating experience. The Chancellor has continued to respond to requests to speak at functions both on and off campus. She has invited many groups interested in the University to meet with her in the Senate Office, and maintains contact with members of the faculty and administration on campus. Her position as an ex-officio member of the Board of Governors, serving on that body's Executive and Community Relations Committees, keeps her in contact with all facets of University activities.

Farewell

Senate has said goodbye to the following members of Senate:

Dean Peter Adams
Mrs. Marg Andrekson
Mrs. Thelma Chalifoux
Dr. George Cormack
Mr. Morris Flewwelling
Mr. Howard Hoggins
Mr. Paul Norris

Mr. George Takach
Dean Walter Worth
Dean Amy Zelmer
The contribution of each has been appreciated.

The Senate also bids farewell to Mrs. Anne Feilden who is taking a full-time position with the AAS:UA. Her warmth and expertise, particularly as a resource person with the task force groups, will be missed.



Spring Convocation, June 1980.

Coming year 1980-81

Members of Senate look forward enthusiastically to the visit to Fort McMurray, and welcome the opportunity to bring the University and community together in northern Alberta. The variety of issues discussed during the past year point to the continued energy of the members, and of Senate itself. Senate continues to value the contribution of all members: ex-officio, appointed

and elected, from on and off campus. The combination of talents and expertise from all the different constituencies which comprise the Senate are the reason for its vivacity and effectiveness.

Senate meeting dates for 1980-81 are as follows:
—27 September 1980
(in Fort McMurray)
—21 November 1980
(Council Chambers, University

Hall)
—23 January 1981
(Council Chambers, University Hall)
—20 March 1981
(Council Chambers, University Hall)
—8 May 1981
(Council Chambers, University Hall)
Full Senate meetings are open to members of the public who are welcome to attend.

Senate Membership List: 1979-80

Ex Officio

Mrs. J.B. Forest (Chancellor)
 Dr. M. Horowitz (President)
 Dr. B. Smith (Dean of Students)
 Dr. R.G. Baldwin (Vice-President
 Academic)
 Prof. C. Lockwood (Dean of Extension)
 Mr. F.M. Flewwelling (President,
 Alumni Association) (Red Deer)
 Mr. W.D. Usher (Vice-President,
 Alumni Association)

Appointed Members

Deans' Council

Dean P.F. Adams
 Dean D. Badir (from Jan. 1980)
 Dean W.H. Worth (to Jan. 1980)

Board of Governors

Mrs. M. Andrekson
 Mr. W.T. Pidruchney

General Faculties Council

Prof. Jo Ann Creore
 Prof. P.A. Schouls
 Dean A.E. Zelmer

Alumni Association

Mr. H. Chomik (Vegreville)
 Dr. F. Kozar (Grande Prairie)

Students' Union

Ms. T. Frank
 Mr. H. Hoggins
 Mr. N. Ingram
 Mr. G. Takach

Graduate Students' Association

Mr. V. Thakur

Minister of Advanced Education & Manpower (Non-academic staff, U of A)

Ms. J. Brennand
 Ms. J. Kurie

Minister of Advanced Education & Manpower (public members)

Ms. M. Basaraba
 Mr. G.C. Campbell
 Mrs. L. Campbell
 Dr. H. Danial
 Mr. R. Everest (Jasper)
 Mrs. E.J. Finch
 Mrs. T. Haberman (Grande Prairie)
 Mr. W.F.M. Newson
 Mr. K.D. Weiher

Elected Members

Mr. R. Basken
 Mrs. G. Brooks
 Miss A. Burrows
 Mrs. T. Chalifoux
 Dr. G.N. Cormack
 Mr. P. Czartoryski
 Ms. A. Dea
 Mr. E. Ewasiuk
 Mrs. E.L. Fried
 Mr. P. Gariepy
 Mr. R. Hawkes (Yellowknife)
 Mr. H.C. Hulleman (Red Deer)
 Mr. R. Killeen
 Mrs. B. Kornberger (Stony Plain)
 Mrs. M. Lobay
 Mr. D.R.B. McArthur
 Dr. S.G. McCurdy
 Mr. J.R. McDougall
 Mr. H. Meech (Calgary)
 Mr. P.J. Norris
 Mrs. M. Pasula (Drayton Valley)
 Dr. D. Richardson
 Mr. Y. Roslak
 Mrs. T. Scambler
 Mrs. S. Sprague
 Mr. W.H. Stewart
 Mr. H. Strain (Stettler)
 Ms. M. Trussler
 Miss H. Verdin
 Mrs. T. Wildcat (Hobbema)

Senate Staff

Mrs. R.M. Totman, Executive Officer
 Mrs. A. Feilden, Assistant to
 Executive Officer
 Mrs. C. Bolding, Secretary

Committee Memberships

Standing Committees

Executive

Mrs. Forest (Chairman)
Dr. Horowitz (ex officio)
Mrs. Brooks
Mr. Campbell
Mr. Stewart
Mr. Thakur
Mr. Weiher

Emil Skarin Fund

Dr. Smith (Chairman)
Mrs. Forest (ex officio)
Acting Dean Abu-Laban (ex officio)
Dr. Clarke (ex officio)
Mrs. Campbell
Mrs. Sprague
Mr. Takach

Honorary Degrees

Mrs. Forest (Chairman)
Dr. Horowitz (ex officio)
Ms. Basaraba
Ms. Brennand
Dr. Cormack
Prof. Creore
Mr. Ewasiuk
Mr. Flewwelling
Mr. Ingram
Mrs. Lobay
Mr. Meech
Mr. Roslak
Mrs. Scambler
Mr. Strain

Nominating

Mr. Stewart (Chairman)
Mrs. Forest (ex officio)
Mrs. Fried
Mrs. Haberman
Mr. Hoggins
Ms. Kurie
Mr. McArthur
Mr. Newson
Ms. Trussler
Dean Zelmer

Ad Hoc Committees

To Review Dr. Kandler's Letter re Second Language

Dr. McCurdy (Chairman)
Miss Burrows
Mr. Czartoryski
Mr. Ingram
Prof. Schouls
Mr. Thakur

To Consider the Desirability of an Out-of-town meeting of Senate

Mrs. Pasula (Chairman)
Mrs. Brooks
Dr. Danial
Prof. Lockwood
Mr. Takach

To Prepare Follow-up To Learning Disabilities Report

Mrs. Finch
Mrs. Fried

To Prepare Terms of Reference For Task Force on University Purpose

Mr. Campbell
Dr. Cormack
Ms. Frank
Prof. Lockwood
Dr. Richardson
Mr. Stewart

Other Senate Appointments

Senate Appointee to Board of Governors

Dr. Richardson

Faculty of Extension Council

Mr. Chomik
Mr. Everest
Mr. Hawkes
Miss Verdin
Mrs. Wildcat

Senate Observer to Academic Development Committee

Mr. Czartoryski (to Jan. 1980)
Ms. Dea (from Jan. 1980)

University of Alberta 75th Anniversary Committee

Mrs. Lobay

Lay Observers of the Admissions Process in Quota Faculties

Faculty of Agriculture and Forestry: Mr. Czartoryski
Faculty of Business Administration and Commerce: Mr. McArthur
Faculty of Dentistry: Mrs. Scambler
Department of Drama: Mr. Gariepy
Faculty of Engineering: Mr. Basken
Faculty of Law: Dr. Danial
Faculty of Library Science: Mr. Usher
Faculty of Medicine: Dr. Cormack
Department of Medical Lab Science: Mrs. Pasula
Faculty of Nursing: Mrs. Kornberger

Faculty of Pharmacy: Mr. Weiher
Faculty of Physical Education and Recreation: Mrs. Lobay
Faculty of Rehabilitation Medicine: Ms. Trussler

Task Force on Second Language Terms of Reference

To gather further information regarding:
(a) public attitudes to, and interest in second language classes in the schools,
(b) the extent of second language programs currently available in the schools, in particular the contrast between urban and rural,
(c) the provision of complementary cultural programs:
 (i) what is being offered now
 (ii) reaction from school jurisdictions,
(d) implications of introduction of a second language requirement for admission to University:
—from University units, especially those not previously contacted,
—from other Universities,
—from the Edmonton Separate and Public School Boards and a sampling of rural school jurisdictions in Northern Alberta,
—for the University to provide leadership.
To make recommendations as appropriate.

Membership

Dr. McCurdy (Chairman)
Mr. Czartoryski
Mr. Hulleman
Mr. Ingram
Dr. Kaneseewich (non-Senate member)
Dr. Kandler (non-Senate member)
Dr. Kennedy (non-Senate member)
Mr. Killeen
Ms. Kurie
Mr. Takach

Commission on University Purpose

Terms of Reference

To inquire into the nature, purpose or purposes, and function of a "University"—and to this end generally, but having before it the particular situation of the University of Alberta, to consult and seek the opinions, perceptions, or expectations, as to this nature, purpose and function, of all those who may jointly or severally wish to contribute to the inquiry, whether residents of Alberta or not, whether current or former members of the University community, or

members of the public at large, or members of government, as well as those who have contributed to the elucidation of this nature, purpose, and functions by their written or published works, or any whose contributions would be of value to the inquiry;
to generate by discussion and inquiry the expression of such opinions, expectations or perceptions as may be held;
to seek clarification of such opinions and expectations, as well as clarification defining the fundamental nature and purpose of the "University";
to seek for possible publication written expression of such of the submissions as contribute most effectively to the elucidation of the matters under discussion; and
to report fully to the Senate as to the results of the inquiry.

Membership

Dr. Cormack
Mr. McDougall } co-chairmen
Mr. Basken
Miss Burrows
Mr. Campbell
Mr. Czartoryski
Ms. Frank
Mr. Geddes (non-Senate member)
Ms. Haberman
Mrs. Lobay
Dr. Richardson
Prof. Schouls
Mrs. Sprague
Mr. Stewart
Mr. Weiher

House, near University. Five appliances, pool, sauna, underground parking. View of downtown. Phone 434-5048.

For rent—Four bedroom house, furnished. 23 December 1980 to 1 August 1981. One mile south of Sherwood Park. Three cats. \$500 monthly plus utilities. 467-1402 or 432-2359.

For sale—High class disaster. Riverbend. Well constructed Alcan, four bedroom home. Fireplace in family room, intercom, air-conditioned. Got imagination? Save \$. To view phone Joy Murray, Block Bros. 436-4240, 437-1612.

For sale—Two storey condominium available. Excellent Blue Quill location with quick access to University. Absolutely immaculate condition. Spacious, two bedrooms. Fireplace. Patio area. Assumable mortgage. To view phone Joy Murray, Block Bros. 436-4240, 437-1612.

For sale—Super value. Three bedroom, two storey home with attached garage. Three baths, formal dining area, completely landscaped. Financing to \$69,000 at 10 1/4%. Priced to sell at \$106,900. To view call Robert Kully 437-7480, 439-1985. A.E. Lepage Melton Real Estate Ltd.

For sale—Charming, 1 1/2 storey, 1,300 sq. ft. bungalow in Mill Creek area. Features hardwood floors and fireplace. Immaculate. Call Barb Kagan 452-4660, 452-1055. Buxton Real Estate.

Wanted—Like-minded partner(s) to purchase wilderness recreation/retirement property for co-op or strata-title development. Over one mile lake frontage on B.C.'s second largest natural lake, 313 acres, two large creeks, 50' + waterfall, moorage sites, two cabins. Fishing, skiing. Good price. Need partners to swing it. Have pictures. Evenings 963-3238 (not long distance).

For sale—Two bedroom house, RC1 zoning. \$58,700. 455-0219 University area.

For sale—By owner. Three bedroom, 1,170 sq. ft. condominium in Millwoods. Large family kitchen, 1 1/2 baths, fully carpeted, carport, private patio, balcony, children's playground. Quiet location, yet close to schools, shopping centre. Direct bus to University, downtown. Excellent financing, asking \$59,500. 432-5653 or 462-9526 after 6 p.m.

For sale—Forty serene acres for communing with nature, large unique home built to harmonize with ecology and save energy. Call Gordon 437-2345. Century 21 Douglas Real Estate Ltd.

For rent—Partly furnished, three bedroom house. Close to University. \$540 monthly. 434-3975.

For sale—By owner. Sherwood Park, three bedroom bungalow. Mortgage 10%. \$82,500. 464-3749.

For rent—One bedroom, furnished basement suite. 434-2975 after 6 p.m.

For sale—Royal Gardens. Immaculate, four bedroom, two storey, close to all-level schools, shopping and Confederation Pool. Mortgage of \$50,000 at 10 1/4%. Asking \$109,500. Call Pat von Borstel. Res. 437-6540, bus. 436-5250. Spencer Real Estate.

For sale—Cozy bungalow on University Avenue. Close to University. Exceptional lot RC1, for residence revenue or duplex. Pat von Borstel res. 437-6540, bus. 436-5250. Spencer Real Estate.

For sale—Just move into this little mansion, that backs onto Kinnard Ravine. Completely renovated using wood, brick, and stained glass. Has French doors, two woodburning fireplaces, two bathrooms, two kitchens, revenue potential. Approximately 500 sq. ft. workshop with spray booth. One of a kind, priced in 90's with assumable 10% mortgage. Call Adrien at 479-5313.

For rent—One bedroom, furnished suite, walking distance University. All utilities. Available 1 September. Non-smoker preferred. 435-0866.

For sale—By owner. Near University. Two bedroom bungalow, double garage, nice yard. 11427 77 Avenue. \$80,300. 435-2627 after 5 p.m.

For sale—By owner. Sherwood Park. Four level split, four bedrooms, two bathrooms, large family room, fireplace. \$93,900. 467-2883.

For rent—Gracious, four bedroom, clinker brick, two storey, fireplace, decked back overlooking swimming pool. One bedroom suite can be sublet. Rent \$775/month, \$600 damage deposit, available 1 September 1980. 10046 87 Avenue. Phone 433-5337 after 25 August 1980.

For rent—West Glenora. Three bedroom bungalow, appliances, drapes, developed basement, garage. Immaculate house and yard. \$600/month. References required. Phone 435-5314 or 998-4132.

For sale—Elegant, two storey homes approximately 1,900 sq. ft. Convenient southwest location. Fireplaces, showers en suite, master bedroom baths, formal dining rooms, double attached garage, plus landscaping. Excellent financing available. Must sell. Call Liz Crockford 434-0555, Spencer Real Estate 436-5250.

For sale—Lansdowne. 1,750 sq. ft. contemporary bungalow. Three bedrooms, den plus fourth down with extra family room. Two fireplaces, numerous built-ins. Asking \$169,000. 10 1/2%, \$91,000 mortgage for two more years. Call Liz Crockford 434-0555, Spencer Real Estate 436-5250.

Accommodations wanted

House-sitter—Highly responsible, 30 year old professional man will care for home and grounds, for minimum of 4-6 months. References provided. 435-7558.

House-sitting service—Are you concerned about leaving your house

empty during your holiday? We will act as live-in house sitters for you, caring for your yard, house plants, and home while you are away, all at no charge to you. We are a married couple, both working, who are renovating our own home. We are available for house sitting from August to the end of October and we would be happy to provide references. We may be contacted at: Hector Therrien (bus.) 423-2437 or Susan Therrien (bus.) 432-5609.

Parents with two young adult sons seeking two or three bedroom accommodation, vicinity University and Southgate. Call Catherine 432-5534.

Visiting instructor from England requires modest furnished bachelor or one-bedroom apartment, 1 September to 30 April, within walking distance of campus. Phone Iris 432-2274.

Automobiles and others

1974 Volvo, 144A, 53,000 miles, excellent condition. 464-1873, 432-4295 Margaret.

1978 Honda Civic, sedan, manual,

23,000 kilometers, \$3,199, 435-7509.

1975 Pinto Squire station wagon in excellent condition. Only 40,000 miles. Must sell. Owner leaving country. Phone 432-2086 days, 434-5529 evenings.

1977 Aspen, four door. Many extras, low mileage. 434-8139 after 4 p.m.

AMC Sportabout, 1972. 477-7191 after 5 p.m.

1969 Dart GTS, \$1,475. 432-4489, 432-4462.

Goods for sale

For sale—Male basset, young show dog. Great family pet. Call 435-2904.

Desk, IBM electric typewriter, table, chairs, coffee table, roof rack, children's toys, miscellaneous household goods, etc. 467-2883.

For sale—Compugraphic Compuwriter II, excellent condition, available immediately. \$6,500 firm. Includes 2-bath processor, 20 film strips and accompanying width plugs. For demonstration contact Ernst 479-5931, 471-5235.

Wanted baby's crib, mattress, etc. 487-3053.

Campus Index of Resource Centres

You Know the Facts— We Need the Answers

Departments which offer services to individuals or organizations outside their own department are requested to complete the information below and return it to the *Office of Community Relations, 432 Athabasca Hall.*

Department	Telephone
Location	Telephone
Description of Service	
.....	
.....	
Service is available to	
.....	
.....	
Charge for service (if any)	
Persons to Contact	
.....	
.....	

Chrome kitchen suite. 436-1769 after 5 p.m.
Haminex movie camera, Honeywell movie projector, both for \$100. 432-4489, 432-4462.
Crabapples ready picked. 75c/gallon, evenings 454-1627.

Services

For rent—Plug-in parking stalls near University Hospital. Phone 433-1676.
Responsible warm person to come in to care for one year old boy.
Monday to Friday. Light house-keeping. Starting October. 439-5891.
Edmonton Yoseikan Karate Club:
Call Sport Alberta 458-0440.
Professional typing. 464-4887.
Expert typing—theses, etc. 455-0641.
Donnic Typing Services Ltd. Specializing in word processing. 301A Whyte Avenue Bldg. 10454 Whyte Avenue. 432-1419.
Carpentry, additions, counter tops, dishwashers, plumbing, painting, wallpapering, ceramic tiles, seamless tub surrounds. 453-1059.

Kozak Business Services: Typing of theses, résumés, reports, manuscripts, proposals and correspondence.
Student discounts available. #305, 9924 106 Street. 423-3068, 483-6075, evenings, weekends.
Painting, wallpapering-Calico Decorators. Quality workmanship. References. Free estimates. 436-6239.
Experienced typist: theses, reports, résumés, etc. Phone 465-3937.
Concrete crack repair for structural or waterproofing purposes. Call 436-6252.
Wanted—Babysitter willing to stimulate the creativity of good natured little girl, (1½). \$3/hour, 4 hours/day. 432-0806.
Yoga for better health: Keep-fit yoga offers classes Wednesday 5 p.m. and 6:30 p.m. at University. Starts 17 September. Twelve weeks. Fee \$35, full-time students \$25, part-time students and employees \$30.
Registration Room 9, Floor 14, Tory Building, 10 September, 5-6:30 p.m.
Pre-registration and information:

Box 184, University Post Office.
Expert tailor. Men's and women's alterations. 487-3053. 8903 180 Street.
Dishwashing help wanted. Research laboratory. Hours flexible, 6-8/weekly. \$150/month. Contact 432-6280.
Cold-sores, fever blisters. We are assessing the effect of a new ointment. If interested please contact as soon as a blister begins. 432-6231, 432-6280.
Doctor's office requires secretary/receptionist, University area. Full-time, pleasant. 433-0264.
I am researching the effects of

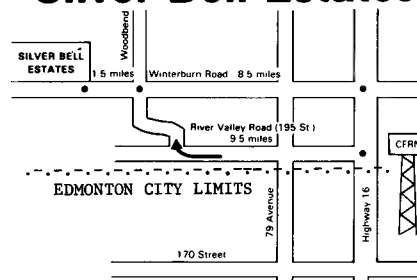
becoming a mother on women's self-concepts and would like to interview women who are now pregnant or have recently had their first child. If interested in sharing your experiences, please contact Janet at 432-3226 or 487-2249 after 24 August.
Spanish for travelling. Mini-courses. Professor Alonso. 439-9125.
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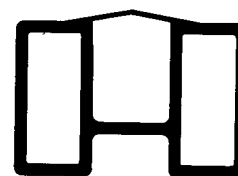


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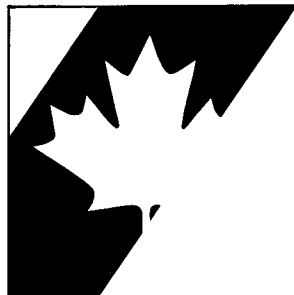
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North of Dentistry/Pharmacy

the actual review teams, the Advisory Committee will keep uppermost the need for us to find out what we are doing well, what we might do better, and what we should be leaving to other institutions and agencies. Naturally, we have some anxiety about the process because we know that only a few universities which have embarked on systematic reviews have completed what they started, and with success. We must have the wisdom to keep the stresses to a minimum, but it is essential that we look critically at what we are and what we have become, and to involve sensitive evaluators, some from other universities, who will help us focus on what we can become in the latter years of this century.

And what can we become? We can become a first-rate university with a valued international reputation in a variety of fields. It is already clear that we need to increase our efforts in research of all kinds—basic, as well as applied and developmental; in the humanities, the fine arts and the social sciences, as well as in the physical and biological sciences and engineering; in professional fields such as agriculture and forestry, home economics, law and business, as well as in the more basic fields of general education. To enhance the learning experiences for our undergraduate and graduate students it will be necessary to bring to campus, even if for relatively short periods, new and young staff members.

How will we increase our complement of staff members? How will we fund research and other chairs? How will we bring to our campus the best minds from around the globe? How will we replace expensive outdated research equipment? How will we attract the most gifted and promising students from Alberta, from across the country, and beyond? How can we change the erratic pattern of funding which resulted in a drop in real federal support to universities for research from 1969 to 1977 by about one-third so that we now

spend only .9 percent of our Gross National Product on research and development, less than any other industrialized country.

I applaud the decisions of the present and former federal governments to increase the expenditure on research. Already the thirty-five percent increase over last year's budget for the Natural Sciences and Engineering Research Council is having a positive effect. But the welcome changes at the federal level are not sufficient.

The Government of Alberta must be congratulated for a number of creative developments. As a member of the Board of Trustees of the Alberta Heritage Fund for Medical Research I can tell you that before too long in the field of medical research we shall be answering some of the questions I raised. The \$300 million endowment fund will make a difference. Funds allocated to the Alberta Oil Sands Technology and Research Authority and for Farming for the Future are other examples of government commitment to research and development.

As a society, we must not leave everything to the federal and provincial governments—no matter what their politics. We need the freedom and the independence that comes from having some income from endowments. It is not healthy when we must rely as heavily as we now do on allocations decided annually by the government and the Legislature. We are hopeful that we shall be able to convince private donors, industry and labor, and foundations of all kinds that it is in their interest to support this University. That is why we welcome with gratitude the recent government decision that \$80 million will be allocated for matching gifts that the universities and the colleges receive from private, corporate and foundation donors. We won't be circulating the collection plates this afternoon, but we shall be approaching you soon and when we do we know that the government matching grant scheme will be

an incentive for you to contribute to your University.

We thank the government for these imaginative arrangements. It is absolutely essential, however, that we face immediately the problems on the horizon and that there be a dramatic response. We need for research generally, especially with regard to research of the most basic type, the kind of attention this province is already giving in selected fields. I have a proposal—a modest proposal. A proposal that will make the difference between careful research and teaching manpower planning during the next fifteen years and a repetition at the end of the century of the chaotic days of the 1950s and the 1960s. A proposal that will make the difference between this University deteriorating into just another large and complex, but somewhat ordinary, institution or our advancing steadily in the direction of first-class and quality and excellence.

I propose that the Government of Alberta show faith in the future of our province and country by creating still another endowment fund with Heritage Capital funds—an Alberta Heritage Fund for Excellence in University Teaching and Research. A capital investment of \$3 billion would generate sufficient annual income to cover the present costs of the universities in this province. Unrealistic? Possibly so. In any case, just as it is not healthy for us to depend on annual allocations from government for ninety percent of our operating and one hundred percent of our capital budgets, similarly it would not be wise for government to lose all control because of an absence of annual allocations. And so I am prepared to compromise and to move away from the opening position of \$3 billion. How about \$1.5 billion? Did I hear someone in the auditorium offer \$1 billion? Seriously, income from an endowment of say, \$750 million, added to our present operating and capital budgets, would represent about twenty-five percent of our total income. That is a very

desirable change. Alberta would become a leader in endowing, partially, its public supported universities.

I am entirely comfortable in making this modest proposal because I know that our political leaders are serious when they refer to Alberta's becoming a "brain centre." For that to happen we need to make a capital investment in people—in the learning of our students and in the research of our scholars. It is important to support activities in particular areas such as oil sands technology and medicine, but it is crucial to have a firm foundation in the basic fields. That which is most practical is not necessarily that which has the most immediate pay-off. Who knows what explorations today will be instrumental in solving the problems of ten and one hundred years hence?

We ask government and the public for special support. We ask not for charity. We ask, instead, for an investment in human capital—an investment that will enable this University to make its legitimate contribution to the economic, social and cultural development of this province. □

FOLIO NEW TRAIL

*Volume Seventeen
Number Eight*

Folio/New Trail: Special alumni issue. Circulation: Five times a year; 65,000. Alumni Affairs Editor: Alex G. Markle

Folio: The University of Alberta newspaper. Circulation: Weekly: 8,200 Editor: Chris J. Simpson Associate Editor: Myron H. Rockett Design Editor: David J. DiFrancesco

Office of Community Relations
423 Athabasca Hall
The University of Alberta

Telephone: (403) 432-2325
Director: W.A. Preshing
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Freshmen Initiation—1927

I went up to the University of Alberta in September, 1927. I was installed in Room 13, Assiniboia Hall, sharing an “alley” with two old friends, Art Paul and Gerry Burke. Board and room was \$37.00 per month.

For about ten days, all else was overshadowed by initiation. It was fiendish!

Initiation to the University of Alberta is now only of historical interest since it has been banned since the thirties. It had led to permanent injuries, both physical and mental—and to at least one death.

I will describe some of the ordeals, which were either administered to me as a Freshman or by me as a Sophomore. First there was the hazing, imposing of tasks and rituals, not frightening but disagreeable and ignominious. As Frosh 280 I warmed “the bog” (toilet seat) for many a Soph, and for having my skull cap aslant or my bib askew I took cold showers by the dozen. Our regalia was, of course, in green and gold.

Perhaps the most successful ordeal year after year, was the life-net jump. As a preliminary, each Frosh jumped from the gallery of the Upper Gym in Athabasca Hall, a descent of some eight feet. The Frosh was then blindfolded and taken to the “roof”. You went upstairs, you felt the parapet, and the cool night air. There were shouts from your escorts to those fifty feet below.

“Hey, you fellows quit fooling with that net. You’ve got to be serious or there will be another injury—even a fatality!”

And to you, the victim.

“Now, Frosh, up on the parapet and be ready for my signal. Jump way out, clear of the building (Hey, you silly asses, get that net off the ground. Do you want to kill the guy!). Ready, Frosh, Jump!”

You jumped, way out, to sprawl flat on the floor. The blindfold was removed and you saw yourself in the big open doorway

and, behind you, a foot-high row of building blocks.

Then there was the Aggies’ favorite—the stunt of the starving chickens! It was night-time in the Upper Gym, long past feeding-time for dozens of caged cockerels, and bared-belly time for blindfolded Frosh. Each victim in turn was held down by Sophs, his lower midriff exposed and well-plastered with bran mash and sprinkled with wheat seed. Then a famished chicken was loosed upon him. Peck, peck; scratch, scratch; cackle, cackle. And the screams and curses of Frosh! Until the bird, sated, desisted.

Initiation ran a two-week course; but trickery and horsing had no limits, neither in time nor, indeed, in ingenuity. Female impersonators in Athabasca. Hangings from the High Level Bridge. A mortal struggle in the turrets of St. Steve’s and the vanquished (actually a substituted dummy) heaved over the breast-work to the stones below. A headline in the dailies: Police Find Human Hand . . . (supplied by Med students) Search for Dis-membered Body.

And VD tests in St. Joe’s! Belated but “Official” requirement



A water fight at Athabasca Hall. Year unknown. Archives.

for all Frosh. “Medical” man in lab coat and stethoscope. Urine sample in beaker (negative VD, no reaction; positive VD, violent effervescent). Most beakers prepared with a measure of

common salt, but special ones with Eno’s Fruit Salts. Great consternation of victim and professions of a clean and blameless life! And great fun! □

Dr. L.P.U. Johnson, '31

Visiting Speakers

Some interesting and provocative speakers are being brought to Edmonton this fall by the Commission established by Senate to inquire into the nature, purposes, and function of a university.

Four speakers have been confirmed at this time. There will be a major free public address on campus, plus three other speakers giving luncheon addresses in co-sponsorship with business, professional, or service organizations in Edmonton.

To date the program schedule will be:

Tuesday, 23 September

Sir Gustav Nossal, internationally renowned immunologist from Australia, will speak at a luncheon sponsored by the Senate Commission.

Thursday, 2 October

Dr. Charles Meyers, Dean of Stanford University Law School. This luncheon will be co-sponsored with the Downtown Rotary Club.

Monday, 3 November

Dr. David Suzuki, well-known

Canadian geneticist and popular host of CBC-TV’s “The Nature of Things,” will present an evening public address. Admission is free.

Wednesday, 12 November

Dr. John Silber, President of Boston University and recently highlighted on CBS’s top-rated show—“60 Minutes,” will address a luncheon co-sponsored with the Edmonton Chamber of Commerce.

Further details and publicity about the Senate Commission’s objectives, the Speakers’ Program, and the call for public input will be forthcoming. Phone: 432-2268.

Professors Elected to Royal Society Fellowship

Among the sixty Canadian humanists and scientists recently honored by election to Fellowship in the Royal Society of Canada founded in 1882 are four University of Alberta professors. At the induction, which took place on 1 June in Montreal, Fred Bentley, Leslie C. Green, Juliet McMaster, and Neil Madsen joined more than nine hundred other Canadians distinguished for their contribution to learning in what is recognized as this country's most prestigious association of scholars.

Dr. Bentley has been a man of the land virtually all of his life. He began teaching in a one-room rural school in 1933 and went on to attain such positions as Professor of Soil Science, Dean of the University's Faculty of Agriculture (1958-1968), President of the Canadian Society of Soil Science, and President of the International Soil Science Society.

He has received the Outstanding Achievement Award of the University of Minnesota (he taught there in 1942-43), the Queen's Silver Jubilee Medal, and a 1979 Alberta Achievement Award.

Dr. Bentley was the Centennial Lecturer of the Agricultural Institute of Canada.

He is a graduate of The University of Alberta—Bachelor of Science (Agriculture) and Master of Science (Soil Science) degrees—and the University of Minnesota—Doctor of Philosophy degree (Soil Science).

In 1968-69, he was on secondment from The University of Alberta to the Canadian International Development Agency as special adviser in agriculture.

He is a Fellow of the American Association for the Advancement of Science and a Fellow of the Agricultural Institute of Canada.

Dr. Bentley retired from the University of Alberta last summer.

Dr. Green, University Professor and Professor in the Department of Political Science, was born and educated in London, England. He received his law degree in 1941

and, among his many honors, was awarded an honorary doctorate in 1976 from the University of London.

He first taught at University College in London as a Lecturer in international law and relations. In 1962, he moved to the University of Singapore as Director of the Institute of Advanced Legal Studies. While in Singapore, Professor Green was Dean of the Faculty of Law and was a Professor in the area of international law. He joined the University of Alberta in 1965.

Professor Green was appointed University Professor in 1969, an appointment which recognizes the wide range of interest and activities of an individual. A University Professor is allowed to instruct beyond the limits of the department and Faculty which he originally joined. Professor Green has, since that time, also been associated with the Faculty of Law.

He has served as a visiting professor at many universities around the world, including Buenos Aires, Australia, Malaysia, and Mexico. Professor Green has also been active in a number of organizations such as the International Committee on Terrorism, the Canadian delegation to the Geneva Conference on Humanitarian Law and Armed Conflict, and the Council of the Canadian Human Rights Foundation. In addition, he was chairman of the Canadian Committee on Terrorism, acted as an academic in residence at the Bureau of Legal Affairs for the federal government and was an adviser to the Israeli delegation to the United Nations.

Dr. McMaster is a professor in the Department of English. She was born in Kenya and attended St. Anne's College at Oxford University in England where she obtained her Bachelor of Arts degree. *Dr. McMaster* came to The University of Alberta in 1961 as a graduate student and a teaching assistant in English. She received her Master of Arts and

Doctor of Philosophy degrees from this University and in 1965 became an Assistant Professor in the English department.

She accepted a post-doctoral fellowship at Oxford in 1969 and returned to this University a year later. *Dr. McMaster* was a Guggenheim Fellow in 1976.

Dr. McMaster was the founding President of the Victorian Studies Association of Western Canada and was President of the Association of Canadian University Teachers of English from 1976 to 1978. She holds memberships in these associations as well as the Modern Language Association, the Johnson Society of the Northwest, the Humanities Association of Canada, and the Children's Literature Association, and is a board member of the Jane Austen Society of North America.

She is the author of *Thackeray: the Major Novels*, *Trollope's Palliser Novels: Theme and Pattern*, and *Jane Austen on Love*, and was editor of *Jane Austen's Achievement: Papers Delivered at the Jane Austen Bicentennial Conference at the University of*

Alberta. A collection of her essays and those of *Dr. R.D. McMaster* is being published by the University of Alberta Press. *Dr. McMaster* is also the author of numerous scholarly articles on 19th century fiction.

In addition to her academic activities, *Dr. McMaster* was the Western Canadian Foil Champion and was the Alberta Woman Athlete of the Year in 1965.

Dr. Madsen, Professor of Microbiology, has in recent times centred his research on the preparation of crystals of types of phosphorylases (enzymes occurring widely in animal and plant tissue) which have proven suitable for x-ray crystallography.

In collaboration with crystallographers, this work has resulted in the elaboration of the structure of the enzyme to atomic resolution. In turn, this has led to new insights into the biological control of glycogen metabolism which is exercised through this enzyme.

In an earlier project, the study of glycogen metabolism in bacteria resulted in the finding of feedback control of glycogen (continued on page 14)

publications

McClelland and Stewart: Toronto, 1980.

Boychuk, E.K. (Herbert T. Coutts Library): Unconventional Selection Tools. *Alberta Learning Resources Journal*. Vol. 3, No. 3, (1980); pp. 22-25.

Das, J.P. (Educational Psychology), and R.F. Jarman, Ed.: *Issues in Development Disabilities*. University Microfilms International: Ann Arbor, 1980.

Krapf, Gerhard (Music) *Six Intradas for Two Obligato Instruments and Organ*, Vol. I. Concordia Publishing House: St. Louis, 1980.

Kirman, Joseph M. (Elementary Education), "What Is Project Omega?", *Aviation-Space*, Vol. VII No. 18, March-April, (1980).

Arnold, S.H. (Comparative Literature) and J.L. Mollel (Drama): An Introduction to the Drama of Penina Muhando and the Theme of *Wapotovu na Kuwarudi* (Deviants and Rehabilitation). *Greenfield Review* 8 (1980): pp. 189-202.

Abu-Laban, Baha (Sociology): *An Olive Branch on the Family Tree: The Arabs in Canada*.

metabolism.

This phenomenon has proved to be an instructive alternative to the hormonal controls then thought to be solely operative in muscle, Dr. Madsen says.

A native of Grande Prairie, the 52-year-old Dr. Madsen has been associated with the University of Alberta since 1962.

His university degrees are those of Bachelor of Science (Agriculture); Master of Science (Biochemistry); and Doctor of Philosophy (Biochemistry).

The first two degrees were earned at The University of Alberta, the third at Washington University in St. Louis.

Dr. Madsen was President of the Canadian Biochemical

Society in 1970-71 and served as Associate Editor of the *Canadian Journal of Biochemistry* from 1968 to 1978. He was Chairman of the Canadian Federation of Biological Societies in 1977-78.

A measure of the scope of his scientific reputation is that he has presented seminars at such institutions as the Universities of Oxford, Sheffield, and Kent; Columbia University in New York; the Physiologisch-Chemisches Institut de Universität, Wurzburg, West Germany; and McGill University.

In August of this year, Dr. Madsen will present a paper at the annual meeting of the Federation of European Biochemical Societies in Jerusalem. □

Birthday Celebrations Being Planned for 1982-83

Approximately two years ago, the Board of Governors of the University established a 75th Anniversary Committee under the Chairmanship of Dr. W.A. Preshing, Director of the Office of Community Relations. During September 1978, the different constituent groups on campus were asked to appoint representatives to a '75th Anniversary Policy Group'. It was envisaged that the role of the Policy Group would be twofold: to act as the source for ideas and input from their organizations and to provide their constituents with information on the 75th Anniversary.

Members of the Policy Group at the present time are: Dr. H.J. McLachlin, Deans' Council; Miss Thelma Dennis, GFC; Mrs. Mary Lobay, Senate; Dr. V.G. Gourishankar, AASUA; Mr. Nolan Astley, Students' Union; Dr. Gerald Berry, Chairmen's Council; Mr. Barry Mills, Graduate Students' Association; Mrs. A. Andrekson, Board of Governors; Mr. R. J. Edgar, Alumni Association; Mr. John Wilson, Non-Academic Staff Association.

Simultaneously, a '75th Anniversary Task Force Group' was

established. It was felt that this latter group would be more directly involved with the implementation and administrative aspects of the policies as established by the Policy Group. Members of the Task Force Group are: Mr. Doug Burns, Registrar's Office; Dr. C. Gordon-Craig, St. Joseph's College; Mr. Jim Malone, Bookstore; Dr. Mike Roeder, Music; Dr. Geoff Sperber, Dentistry; Mrs. Helen Collinson, University Collections; Mr. Ed Zemrau, Athletic Services.

It was anticipated that the work of the Task Force Group would require the creation of numerous sub-committees and specialized groups—a process which is underway at the present time.

Interestingly enough, one of the early difficulties facing the two groups was the decision as to what specific year was to be celebrated as our 75th Anniversary. In essence, 1982-83 was chosen since it marks the 75th Anniversary of the first year of formal classes at the University and, secondly, 1982-83 is consistent with the University's celebration of its 60th anniversary in the spring of 1968.



University Archives recently became the repository for the papers and manuscripts of Kerry Wood. Mr. Wood makes the donation of his works official in the presence of Jim Parker (standing), Chancellor Forest, and Jerry Royer of Alberta Culture.

Meetings with both groups were begun in late 1978 and, thus far, have culminated in recommendations for a possible 75th Anniversary Building and a tentative program for 1982-83. The program (now in Planning Document #9) consists of two major types of events—Flagship and Modular. The latter refers to events which will take place at the departmental and faculty levels and, it is anticipated, will present a wide variety of speakers, displays, etc. Flagship events will be broader in scope and have a wider University connotation and will include symposia, inter-disciplinary open houses, etc. As well, Flagship events will be coordinated with convocation, special concerts, plays and drama productions. The possibility of pictorial and electronic histories of the University is also being considered.

As this is being written, the Policy Group's recommendation

on a 75th Anniversary Building has been forwarded to the University Planning Committee for review. Buildings proposed and considered by the Policy Group were: Edmonton Art Centre, Paleontological Collections, University Collections, Northern Engineering Lab, University of Alberta Recreation and Cultural Complex.

It is also anticipated that a significant number of souvenir items—T shirts, decals, buttons, *et al*—will be produced bearing a 75th Anniversary logo. The logo, in turn, will be the subject of a logo contest to take place in the fall of 1980 with implementation by early 1981. While not a direct responsibility of the two 75th Anniversary groups, plans are being made to have a major fund-raising activity related to the University's 75th Anniversary which will stress endowments, scholarships, a building, and other areas such as the library. □

The Friends of The University of Alberta

There are many friends of The University of Alberta among our 80,000 alumni in every part of the world. There are numerous friends in Canada, Alberta, and in Edmonton itself, but many of these do not yet belong to The Friends of The University of Alberta. The Friends are members of an organization first established during the presidency of Dr. Newton in October 1943. At that meeting (F. Pike was in the chair, and the other members of the executive were L.Y. Cairns, D.E. Cameron, R.J. Dinning, R.K. Gordon, C.L. King, G.F. McNally, F.M. Salter, and R.F. Shaner), a small but dedicated group of eighty-nine people decided to assist the University and help

meet needs that might not be supported through regular funding channels. Since 1943, the Friends have continued their assistance to the University in countless ways, and mostly behind the scenes with little overt recognition of their labors.

Of course, the most visible of the Friends' activities is the annual sponsorship of the Henry Marshall Tory Lectures, named in honor of our first President and the most prestigious lecture series the University offers to the public. The lecturers invited to speak are uniformly distinguished and their topics always have an immediate relevance to Edmontonians. Most recently, this last March, Sir William Hawthorne, CBE, FRS,

spoke on "Energy Prospects and Problems." In 1974, Dr. F. Ronald Hayes wondered whether or not we could "avoid the impending collision between the unplanned university and state control of research." In 1969, A.W. Trueman, then President of the University of Western Ontario talked about "The Generation Gap—Fact or Fancy."

The Friends of The University of Alberta, however, contribute to the well being of our institution in a host of other ways. They have helped toward the purchase of scientific equipment and special works of reference. Annual bursaries and scholarships have assisted students. Books and papers have been published with

assistance from the Friends.

In sum: The Friends of The University of Alberta are committed to the continued vitality of our University. Any friend may become a Friend. The original eighty-nine members have more than quadrupled since 1943 and their support of the University is invaluable. All people who have the welfare of our institution in mind may join. For further information about the Friends, please telephone the honorary secretary, Mrs. D. Steiner, Secretary to the Dean of Business Administration and Commerce at 432-3901. □

service information

Coming Events

Music

Jubilee Auditorium

27 to 31 August. 8 p.m. "Alberta"
Tickets from all Bass outlets.
9 September. Kris Kristopherson.
10 September. Up with people.
16 to 18 September. Nana Mouskouri.
26 September. The Imperials.
7 and 8 October. Ain't Misbehavin'.
21 and 22 October. Canadian Brass.
27 October. Max Bygraves.
28 and 29 October. Byzantine Chorus.
30 October. Larry Norman.
3 November. Andre Gagnon.
4 and 5 November. Irish Rovers.

Lister Hall

31 August. 8:30 p.m. Old Time
Fiddle Dance.

Fort Edmonton Park

31 August and 1 September.
Fiddle Festival.

Edmonton Symphony Orchestra Master Series

12 and 13 September. Young-Uck

Kim, violin.

17 and 18 October. Carlos

Barbosa-Lima, guitar.

31 October and 1 November.

Nick Pulos, violin.

Mozart Series

4 October. Ransom Wilson, flute.

Conductor: Farhad Mechkat.

25 October. Steven Staryk, violin.

Conductor: Farhad Mechkat.

7 November. Anton Kuerti, piano.

Conductor: Anton Kuerti.

Theatre

Northern Light Theatre

Until 29 August. "A Midsummer
Night's Dream."

Until 30 August. "As You Like It."
Both plays will run in repertory and
all performances are in the Connors
Hill Tent, south of the Muttart
Conservatory. For ticket information
and show times call 429-3110.

18 September to 12 October. "Stevie."

23 October to 9 November. "Wings."

A special production prior to a
national tour. For further information
call 429-3110.

The Citadel Theatre

Shoctor Theatre

24 September. "A Life" starring
Roy Dotrice. For ticket information
call 426-4811.

Intercollegiate Sport

Football

1980 Home Game Schedule

6 September—University of

Saskatchewan

4 October—University of B.C.

18 October—University of Manitoba

25—October—University of Calgary

All games begin at 2 p.m. in

Varsity Stadium.

Exhibitions

Devonian Botanic Garden

The Garden is open to the Public
Monday to Friday, 10 a.m. to 6 p.m.
Saturdays, Sundays and Holidays
1 p.m. to 6 p.m. During July and
August, guided tours will be given at
the following times:

Wednesday, Thursday, Friday:

11 a.m., 1 p.m., 3 p.m.

Saturday, Sunday: 1:30 p.m.,

3 p.m., 4:30 p.m.

The Garden may be reached by
travelling ten kilometres west of
Edmonton on Highway 16, then fifteen
kilometres south on Highway 60.

Provincial Museum

Arctic Images. Feature Galleries

1 and 2.

Symbols of change from Territory to

Province. West Alcove.

Discovering Dinosaurs. Until

1 September in Feature Gallery 3.

Edmonton Public Library

Until 30 August. An exhibition of
illustrations and woodcuts by Indian
Artist Mena Desai. Foyer Gallery.

Until 31 August. A display of

photographs of the Yukon by

Daniel Buckles. Photography Gallery.

Beaver House Gallery

25 August to 19 September. "A
Glimpse of the Present." An exhibition
featuring 15 painters representing a
wide range of styles.

29 September to 24 October.

A collection of works purchased by
the Alberta Art Foundation over
the past year.

3 to 28 November. Medalta Pottery.

The development of the ceramics
industry in Alberta during the early
part of the century is traced.

Notices

Participation Sought

Recently The Senate of The University
of Alberta established a Commission to
enquire into the nature, purpose, or
purposes and functions of a university,
and in particular, The University of
Alberta. The Senate believes that this
can be done by looking at the function
of a university in two ways; what
people believe a university ought to do,
and what people perceive universities are
doing. Thus, a meaningful comparison
can be made of expectations and
perceptions of the purpose of a
university.

It is one of the roles of Senate to
reflect the view of the general public and
the University community. In order to
do this, we would very much appreciate
receiving your written ideas, because
your considered opinion would be
invaluable to our Commission. Sub-
missions should be made before
15 November 1980, and mailed to:
The Commission on University Purpose,
The Senate Office, The University of
Alberta, 150 Athabasca Hall, Edmonton
Alta. T6G 2E8.

Please indicate in your submission
if you would be interested in a public
forum in your area, sponsored by the
Commission.

Alumni Features



Host Leslie Nielsen (left) meets new television star Al Oeming BSc '49 (right) and baby Polar Bear during filming of Al Oeming—Man Of The

North. The program explores Oeming's world, following the naturalist and conservationist as he studies and protects North American wildlife.



Alumni Golden Jubilee Award 1980: Of particular interest to the University community was the presentation at Spring Convocation of the Alumni Association's most prestigious Golden Jubilee Award to Alex D. Cairns, BA '38, longtime registrar and popular member of the campus community. Now retired from University duties, Alex is seen, left, accepting the handsome scroll and gold tray from W. Dave Usher, BSc(Eng) '49, president (1980) of the Alumni Association. The annual Award recognizes those who have made outstanding contributions to the University either directly or indirectly.



Maimie S. Simpson Memorial Scholarship: Miss Annette Driessen, of Tiger Lily, Alberta, was the first recipient of the Scholarship placed annually by the Alumni Association in memory of the late Miss Maimie Simpson, first Dean of Women at the University. The presentation of the Scholarship was made at the Association's Spring Banquet and Ball for graduands, their parents, and friends. Its criteria include heavy emphasis on a student's contribution to campus life and to The University of Alberta community.

alumni notes

37 The Association of Professional Engineers, Geologists and Geophysicists of

Alberta has made its highest annual award to *Charles Stelck, BSc*. Dr. Stelck received distinction as a noted oil finder and is the geologist who defined the geological structure which led to the discovery of the large Monkman Pass gas field near Fort St. John, B.C.

40 *Martha (Block) Cohen, BA*, is the busy lady leading the campaign to build the CCPA, the Calgary Centre for the Performing Arts, a cultural

palace that will occupy an entire city block downtown.

J.E. (Jack) Bradley, MD, has been appointed Executive Director (Alberta Heritage Foundation) for Medical Research. The Foundation's program will aim to overcome the existing shortcomings in research in this country and provide career opportunities for research scientists; provide career training opportunities for those who wish to enter the research establish-

ment; and ensure continuity of funding.

41 *Morris Shumiatcher, LLB*, has compiled his second book. A thought-provoking attempt to set down what he feels are the qualities of the ideal lawyer which, if followed, should earn the profession the respect of colleagues and the public. It includes a 45-page chapter on hilarious incidents and exchanges in the courts worth quoting at any party.



Alumni Annual Meeting: Red Deer College was the site of the 41st Annual spring meeting of the General Alumni Council. Major decisions were made affecting the direction and expansion of the Association's program. Council delegates who shared the day's discussions included: Left to right, back row: Bud Arbeau (Past President); Nolan Astley (President, Students' Union 1980); Dr. Bernie Adler (Board of Governors); Alex Markle (Director); Ed Wachowich (Law); Emil

Sanden (Engineering); Dr. Frank Kozar (Grande Prairie). Front row—W. Dave Usher (Vice-President 1979); Beth Duff (Montreal); Jessie Heath (Toronto); Hazel Flewwelling (Red Deer); Olga Saley (Nursing); Emily Lee (Victoria); Pat Wiberg (Ottawa); Olly Kochan (Pharmacy); Kay Davidson (Household Economics); Jean Mucha (Education); Morris Flewwelling (President 1979).

42 Rev. Hart Cantelon, BA, and his son Bill, '74 BA, have started a father-son ministry in the same church, Stettler United.

43 The University department of chemistry has concluded an experiment of a different sort. To celebrate the 60th birthday of Raymond Lemieux, BSc, one of Canada's leading scientists, the department invited international group of chemists and biochemists to present lectures in June. Each speaker was a former student or colleague of Dr. Lemieux's.

48 Robert Kroetsch, BA, has published his seventh novel, *The Crow Journal*.

49 An educational and entertainment achievement series in television programming *Man of the North* has been completed. The series narrated by Leslie Nielsen is about one man and his personal odyssey of hope. That man is Al Oeming, BSc, a legend in his own time, and as the producers stated "one of the last of the great frontiersmen." The television specials are about animals and nature. But more than that, they are the story of one man's love affair with the natural world around him and his attempts to save the vanishing species.

T.R. Braithwaite, BSc(Eng), is manager (mining), Royal Bank of Canada.

50 B.H. Lacey, MSc(Eng), is president, chief executive officer, and member of the board of directors, Krupp Industries (Canada) Ltd.

51 Jocelyn (Rogers) Pritchard, BA, continues to add to her many musical accomplishments in B.C. She was recently adjudicator of the vocal and choral classes at the Kootenay Music Festival.

Terrence (Terry) W. Adamson, BSc(Eng), is general manager, oil and gas production, Norcen Energy Resources Limited.

53 Theodor K. Shnitka, MD, is chairman of the University's department of pathology, Faculty of Medicine.



C. Stelck, BSc '37



R. Lemieux, BSc '43

54 Lloyd W. Cumming, BSc, is exploration manager, Chancellor Energy Resources Inc.

Ivar Ruus, BSc(Eng), is manager, heavy oil development, Norcen Energy Resources Limited.

56 Conventional oil discoveries in Western Canada can make a significant contribution to the Canadian energy supply, and should not be overlooked in the rush to frontier or non-conventional resources says H.E. (Earl) Joudrie, BA, president and chief executive officer of Voyager Petroleum Ltd., now president of the Independent Petroleum Association of Canada (IPAC).

As the designer of the first multiphase continuous chemical processing plant in Canada, T.W. Fraser Russell, BSc(Eng), director of the University of Delaware's Institute of Energy



J.E. Bradley, MD '40



J.R. McDougall, BSc(Eng) '67

Conversion, was a visiting lecturer recently on alternate energy sources at the Colegio de Mexico.

There is a new academic posting in September for Frank Kozar, BEd. He will be leaving Grande Prairie Regional College having accepted a new position as director of academic services at Grant McEwan College, Edmonton.

R.F. Haskayne, BCom, is president, Hudson's Bay Oil and Gas Co., Ltd.

57 The Conference Board at Toronto relies largely on business contributions for their continued existence. It has recently experienced a fund-raising drive and in charge is a new vice-president, Florence Campbell, BA, former IBM Canada Ltd. executive. The board has about 750 members (sub-

scribers)—mostly corporations but also labor unions, governments, trade associations and Universities.

O. Humeniuk, BCom, is vice-president, finance, Hudson's Bay Oil and Gas Company Ltd.

58 L.E. Snell, BSc(Eng), is manager, development engineering, Home Oil.

60 Eugene W. Kulsky, BSc, is vice-president, exploration, Brascan Resources.

Petro-Canada has announced the appointment of Jim Stanford, BSc(Eng), to the vice-presidency (production) of the Corporation.

62 The Alberta School Trustees' Association has appointed Larry Ferguson, BSc, as executive director to administer the affairs of the 145 member organization of school boards.

J.S. Eliuk, BCom, is vice-president, finance, Rupertsland Resources Co. Ltd.

Inland Cement has C.J. Byrne McNamara, BCom, as vice-president, administration and finance.

63 David J.S. Winfield, BA, is Minister Counsellor, Commercial Division, Canadian Embassy, Mexico.

John Brosseau, BEd, is superintendent of Edmonton separate schools, in charge of pointing the direction for 1,500 teachers and 25,000 students.

Sylvia (Sheppard) Segal, (RN), has retired from full-time duty as coordinator of obstetrics and gynecology, York Finch General Hospital, Toronto, but continues to provide training and guidance for the volunteers at York Finch.

64 Chuck Moser, BPE, is executive director, The Recreation, Parks and Wildlife Foundation, Edmonton.

65 P.J. Unland, BSc(Eng), is gas sales negotiations manager, Amoco Canada Petroleum Company Ltd.

J.W. (Bill) Zaturccky, BSc, is geological manager Western Canada northern division, CDC Oil & Gas Ltd.

66 *Bruce E. Massie, BCom*, has been admitted to partnership, Price Waterhouse Associates, management consultants.

67 Disciplinary actions, relations with other professional groups and a universal shortage of engineering talent are among the problems confronting *John R. McDougall, BSc(Eng)*, president of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

69 *Calvin M. Stewart, MD*, Lethbridge, is president, Alberta chapter, College of Family Physicians of Canada.

Barbara Racine, (Nu), is director of nursing and administrators of the in-patient division, Alberta Children's Hospital, Calgary.

Alberta author and conservationist *Kerry Wood, LLD*, recently donated his manuscripts and papers to the University. Kerry Wood has published nineteen books, more than 6,000 short stories, 9,000 weekly newspaper columns and 8,000 articles on natural history and Alberta heritage in more than fifty years as an Alberta writer.

On 27 September a UAH School of Nursing Alumnae luncheon is planned in Edmonton. Those interested should contact *Cathy Boyce (Nu)*, 426-0160—work, or 425-8362—home.

70 *Ken Murray, BSc*, is manager, exploration, Sulpetro Limited.

71 *Reg Hendrickson, BEd*, is food service instructor, Lord Beaverbrook High School, Calgary. He was recently toasted by the Calgary Academy of Chefs as the "Chef of the Year."

Dennis S. Lastiwka, BSc(Eng), is chief mechanical engineer, Norcen Energy Resources Limited.

One of the Alberta Art Foundation's coordinators is *W. Tin Ng, BA*, visual arts branch of Alberta Culture.

David Magee, Reh. Med., is chairman of the department of physical therapy, Faculty of

Rehabilitation Medicine.

James D. Quarshie, BEd, is lecturer, educational administration, University of Cape Coast, Cape Coast, Ghana.

Hendrik H. Wind, BSc(Eng), is planning manager, Norcen Energy Resources.

72 *Debbie Holmes, BSc (Pharm)*, is working as relief pharmacist in Alberta, Northwest Territories and the Yukon.

73 *Diana C. Law, BSc(Nu)*, is medical nursing coordinator, Foothills Hospital, Calgary, where she writes "we are developing staff and patient teaching programs related to oncology."

Attempting to "chart a course for the future" for 22,000 persons living in a region that sprawls over 9,000 square miles, the Palliser Regional Planning Commission faces a rather formidable challenge. The chief urban planner for the Commission is *Frank Wesseling, B.A.*

Harry Goldberg, BA, is chief electoral officer, Province of British Columbia.

74 *Cecilia Johnstone, LLB*, is a partner in the law firm, Stratton, Lucas and Edwards.

Byron Larson, BSc(Eng), is process engineer, Galvanic Analytical Systems Ltd., Calgary.

78 *John Ells, BSc (Ag)*, is extension engineer, Prairie Agricultural Machinery Institute, testing and preparing reports on a wide variety of agricultural machinery and equipment.

79 *Michele F.M. Koziol, BSc (Pharm)*, pharmacist resident, Ottawa Civic Hospital, was recently awarded a fellowship in hospital pharmacy by the Canadian Foundation for the Advancement of Pharmacy.

In a recent note from *Helen Clegg-Ream, BCom*, she divulges that she is a financial analyst, Baxter-Travenol Ltd, Germany. Her husband *David, '75 BSc*, is a computer software specialist with Digital Equipment Ltd, West Germany.

Pardon Us

In the 19 June 1980 issue of *Folio/New Trail*, it was erroneously reported that *A.S. Knowler '48* earned a BSc; he in fact, was awarded a BCom.

In Memoriam

Helen (Boyle) Boyd, '26 BA
Clarence Edward (Clare) White, '27 BSc(Eng)

Walter Alyn Orr, '32 BSc(Eng)
W.J. Nikiforuk, '34 MD
F.M. (Mac) Smith, '35 MD
Louisa Mary (Dafoe) Gilchrist, '44 BSc(Nu)
James Francis Hutter, '46 BSc(Eng)
Hedley Howard McCreedy, '49 BSc(Eng)
R.V. Johnson, '50 LLB
Wilson G. Sterling, '53 BSc(Eng)



Alumni Homecoming 1980

FRIDAY, OCTOBER 3

8:00-10:00 p.m.

Wine & Cheese Party

Meet the Prof's
FACULTY CLUB

SATURDAY, OCTOBER 4

10:00 a.m.

Campus Tour—Rutherford Library (GALLERIA)

11:30 a.m.

Pre-Football Game Luncheon
LISTER HALL

2:00 p.m.

Football Game U. of A. Golden Bears vs
U.B.C. Thunderbirds

6:30-7:30 p.m.

Homecoming Reception
LISTER HALL

7:30 p.m. - 1:00 a.m.

Homecoming Banquet & Ball
LISTER HALL

SPECIAL CLASSES '20, '30, '40, '55, '60, '70, '75

TICKETS (ALUMNI OFFICE—432-3224)

430 Athabasca Hall, U. of A.

Wine & Cheese Party	\$ 3.00/person
Banquet & Ball	\$12.50/person
Luncheon & Football Game	\$ 3.00/adults
	\$ 1.50/children
Combination (all events)	\$18.50/person

75th Anniversary

The University of Alberta will celebrate the 75th anniversary of its academic offerings in 1982-83. Alumni, staff, and students are invited to participate in the planning of the Jubilee celebrations by submitting ideas for special projects and events.

Please send your ideas to:
Dr. W.A. Presling, Chairman
75th Anniversary Policy Group
420 Athabasca Hall
The University of Alberta.
T6G 2E8

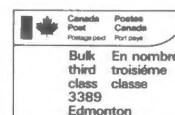


St. Joseph's College Cafeteria 1934. U. of A. Archives

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